REVIEW OF INTERNATIONAL BROADCASTING

KCBI Dallas, Texas 75221 U.S.A.

(via Charles George; see also page 25)

Issue 91 August, 1984

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IMPORTANT NOTICE: R I B HAS A NEW ADDRESS: Box 490756, FORT LAUDERDALE FL 33349, or if you prefer, just FORT LAUDERDALE FL 33349-0756. We've been amused by the consternation among postal employees the 9-digit zip codes still sometimes cause: "We found you, even tho your address was incorrect" ! Because of gh's long-predicted move, no RIB was published during August, and this issue should be mailed the third week of September. We appreciate your patience--most readers caught the announcement in July RIB or on the air. This issue is NOT OUTDATED when published--don't be misled by "August" on the cover--we keep monthing RIBs successively in order for there not to be a gap causing further confusion; if we followed advance-dating practices of the slix, this issue would be called "October" or even "November". Now that we're resettled, we hope very much to bring RIB out more often than once a month, which means cover dates will precess ahead of publication rather than behind. RIB will continue to be printed and mailed from Knoxville by our longtime associate Mike Patterson, but all editorial and subscription mail should be directed to our Florida address; Box 6287 is now in someone else's hands (we were denied a request to 'retire' that number since it's out of sequence anyway), though forwarding instruxions for a year have of course been given the PO. It may take somewhat longer to process changes of address and sample requests, but this is outweighed by our present printer knowing all the ropes, and his more central location.

WHY HAS GH MOVED TO FLORIDA?, some of you are wondering. I've never lived more than eight years in one place, and was itching for a change of scenery and activities, plus the advantages a larger city has to offer; and cold winters were extremely unpleasant for me. I definitely saw improvements in Knoxville while I was there, but would hardly rate it "the best place to live in America," as recent publicity had it! I don't think Fort Lauderdale is the ultimate, either, and foresee another move to the Southwest before another eight years go by--I might have moved there now, but distance-wise, it seemed to make more sense to take the Florida interlude now, while relatively closer. And if I can find the time, I hope to take the opportunity to travel a bit in the Caribbean and Latin America.

YOU CAN TELEPHONE GH & RIB at (305) 731-4016. Please remember that there are a lot more of you than there are of me, and it's more efficient to handle information in the mail than on the phone, so please call only if you have something you feel is urgent, and avoid calling during "prime time" or late at night. Tuesday noon is the normal WORLD OF RADIO deadline; Friday 10 am ET the normal RCI SWL DIGEST deadline; for broadcasts the following weekend.

G E O G R A P H I C A L I G N O R A N C E --more thoughts, from Molly Blake:

Re your comments on Curaçao & American listeners to A Earth, I think it's a sad commentary too on the parochialism of most North Americans. Altho I couldn't identify African countries as you can (lacking a spatial ability perhaps?), a global curiosity surely help. An atlas and an almanac (i'm surprised nobody refers to it) do too. My perspective is boosted no doubt by being born abroad and having lived and traveled abroad - those are experiences not to be discounted.

(Gerald Kercher, Quaker Hill CT):

I thought your comment in the July issue about there being no excuse for geographical ignorance was right on the mark. I ran across some similar remarks by William Lyon Phelps which I thought you might enjoy. Phelps was reviewing five American novels published in 1934. One of the books was Years Are So Long by Josephine Lawrence. The plot concerns a father and mother, with five married children. The old folks are without resources and they call a family council, and announce, they propose to live in turn in the houses of their sons and daughters. But it so happens that not only are they unwanted in any of these dwellings, they are refused admittance. Later in the essay, WLP wrote the following paragraph:

> "It is also significant, whether the author intended it or not, that every person in this book, that is to say, the father, the mother, each one of the children and grandchildren, is without any real intelligence. The old parents have never taken it upon themselves to perform one of the most important duties of men and women; which is to acquire enough general knowledge and to develop mental faculties so that one will not be a chronic bore. There is no such thing as a harmless bore. It is the absolute duty of every human being to make himself as interesting as possible. That is one way to rob old age of its terrors."

(more on page 13)

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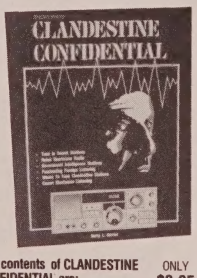

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Radio Equipment Forum

edited by David Newkirk, 11339-1/2 8th Ave NE, Seattle, WA 98125. Editor appears in [] and/or as dpn.

QUESTIONS (David Swaringen, Hunterville NC) I've an ICOM IC-R70 receiver and I'd like to operate it outside of the house, such as on a DXpedition. Is it possible to operate it without using an AC power source? I know that the receiver can be used with a DC power source, but doesn't this have to be hooked up to an AC outlet?

Have you ever noticed that when touching a radio or television aerial the signal strength improves by a noticeable amount? Is this due to magnetic fields within the body?

[dpn: if you've set up your IC-R70 so that it can be run from an external 12 - 14V (nominally 13.8VDC] source, the radio won't know whether the energy is coming from a DC supply operating from the AC mains or a car or motorcyclebattery, which is what is usually used on "DXpeditions". The main thing one must watch is getting the polarity of the connecting wires correct.

Yes, there's often some effect when people touch the antennas on TV/VHF-FM radios or the whip antennas on their SW sets. Each of us contains a lot of what is essentially salt water at just about the same salinity as the world's oceans -- in other words, we're great conductors of electricity. But we're encased in skins that aren't such hot conductors of current if we're dry. So when you approach a wire you may be acting much like another wire being brought into proximity with it; when you touch the wire/whip lightly the poor conductivity of your skin will allow capacitive coupling between you and it, perhaps enhancing or otherwise affecting its signal capture, and if you grab it really tightly the resistance of the connection between you and it decreases and you may load down the input circuit of the radio so much then that the general effect on reception is detrimental. Complex effects.]

LOREN COX, JR (Lexington KY) Two slips, at least, in my june RIBessay:

re "Barlow Wadley": I gather B & W were two different people. B was W's business associate. Don't know Wadley's first name. Racal RA17 still a highly desired Wadleylooper.

p. 23, cl. 2, l. 15: looks like "minuscule" got through again with an "i" for the "u".

[dpn: that was me, misspelling things I continuously misspell despite what's in front of me]

SOLD (Robert Pacyna, Toledo OH) I sold my SONY CRF-330K. I want to thank Mr Mason who purchased the radio, and give special thanks to RIB for running my ad. A special thanks to everyone.

DE-BASS THE DX-400 (Mark Logsdon, K9ML, Indianapolis IN) Many owners of the Radio Shack DX-400 find the audio too bassy. I solved this problem in this way:

Locate the audio amp, IC6. Change the values of two capacitors at the input (pin 2). C135 was 0.0033uF, although the schematic said it was 0.001 uF. Change this to the claimed schematic value of 0.001uF.

Next, C137 was a 0.22uF tantalum capacitor. Change it to 0.01uF. I used a ceramic disk capacitor.

This modification is simple and should take less than an hour to complete. Audio is great on AM/SSB and FM, with the "TONE" control still functioning with adequate range.

OSCILLOSCOPE FOR BAND ANALYSIS? (Richard Dale, Independence, MO) I don't know exactly how one'd use an oscilloscope for band analysis. I have heard of it being done, though. Regarding spectrum analysis (RIB86, p 9), my step-father used to have a Squires-Sanders SS-1R w/spectrum analyzer. One could view the entire band, or enlarge various segments, so that you could view even 10 kHz segments and "see" very weak signals through the background noise. A "marker" showed where your dial was set, and by aligning your "marker" with a signal peak, you could tune in that signal. Although it was only a ham receiver, this concept could be transferred to any band.

The only disadvantage was that the analyzer could "see" signals that you couldn't hear due to noise. As a rule, the signal peak had to be about 3 times higher than the base line to hear it at all. Most of the signals, though, ranged from a couple of dozen to a couple of hundred times higher. The cost is prohibitive, though -- the new price was around $2000. I don't know what happened to it, though (no doubt traded to finance an 80-foot crank-up tower to perch on a 100-foot hill -- my, oh, my the FM you can hear, not to mention the TV!)

In any case, the spectrum analyzer was actually a distraction. Too much information all at once. It's sort of like precision frequency analysis -- the majority of DXers have little use (or ability) for 1/2 kHz or finer increments. It's nice if you 've got it, but if you don't, no sweat.

[dpn: Thanks! A spectrum analyzer is a kind of specialized oscilloscope in which the X-axis represents "frequency" and the Y-axis represents "amplitude". What Richard details so nicely here is what is normally called a "panoramic adaptor", or "panadaptor" for short. It's necessary to draw this distinction between SA and panadaptor only because a true spectrum analyzer is a laboratory device costing many thousands of dollars (often using some pretty hefty microwave technology to generate the linear osc sweep necessary to get a very wide ranging linear X-axis sweep) and a panadaptor is a much simpler, cheaper and less expensive device popping in and out of amateur/SWL interest with the tides of faddism. A spectrum analyzer, true to its name, is used to display the spectra of signals under investigation; for

example, a lab wants to see how "clean" the output of a new signal generator is, how many harmonics and of what relative amplitude they are to the fundamental, etc. A panadaptor is more usually used at receiver sites for various purposes. The spectrum analyzer may have a baseline extending many MHz in width, whereas what's called a panadaptor is usually only a few hundred kHz at most. Kenwood, by the way, offers panadaptor adaptors for their SM-220 intended-to-be-used-with-their-ham-transceivers oscilloscope. And there was a recent article on building your own panadaptor in ham radio, I recall. But relax, folks, it is, for people supposed to be listening to the programming on international shortwave broadcast stations, a meaningless gimmick. Reminds me of the oscilloscopes available to hi-end hi-fi people: I ask, "Do you listen to the music with your ears or with your eyes?"]

REF: A BROKEN RECORD? (Frank Pelles, N Olmstead, OH) Regarding the "Radio Equipment Forum", certain receivers have been rehashed to death.

(Dennis Sylte, St Paul MN) I enjoy reviews of equipment but wish a wider view of the equipment used in SWLing was reflected and evaluated. For instance, while active antennas are referred to occasionally, a comparison and critique comparable to the R70, NRD-515, Drake R7, as well as the Kenwood models and the plethora of portables, etc., goes on and around again. All well and good but why not get into the performances of active antennas, preselectors, preamps, active filters for audio and also a feature of various personal antenna configurations notable for simplity, compactness, sensitivity, either directional, broadside or nulling effectiveness, or other unique characteristics of interest to SWLing or DXing in noisy urban settings, crowded or interference-filled bands or dwellings not allowing much of an antenna configuration.

[dpn: although this editor is often guilty of windbagging it on certain pet topics, the actual spread of receiver coverage is determined mainly by reader input. If all the mail I get for two months concerns the latest ICOM receiver, then, by crackers, that's probably what RIB readers are going to have to sit through hearing about if they insist on reading REF. We also receive comments from time to time that only new radios and gimmicks are tending to be featured in REF. You are right. Have you ever noticed that newspapers list marriages, divorces, births and deaths but tend to let people, individually and personally, "go hang" in the meantime?

The fact is, folks, that REF ain't Stereo Review and I ain't Julian Hirsch. In other words, if it isn't in my experience (which even without hints from gh [and such are extremely rare, so free is the rein given his editors] I realize I must downplay, verbose and repetitive as it tends to become) and it isn't in my mailbox, it ain't gonna appear in "Radio Equipment Forum". YOU PEOPLE CREATE THIS ENTIRE MAGAZINE BY WHAT YOU CONTribUTE. I'm somewhat proud of the expansion of the possibilities in REF that have occurred as I have undertaken to edit it, but much of this has to be that RIB's readership base, and hence the experience upon which we might try to draw as sharers of experience, has been expanding.

People tend, as hinted above with the metaphor about newspaper "vital statistics", to fixate upon newness. So dare to be different. If you are tired of the emphasis on the "new and merely novel" that you think you perceive in REF, and you don't want merely to turn to something more interesting (always your option), put what you think is missing in RIB/REF here BY CONTribUTING IT YOURSELF. Gasp! Yes! You might even...take part! Yipes!]

(Charles Kuttner, Corvallis OR) Beyond my selfish interest, I think that the column stresses shortcomings so much that I can't tell what the sets reviewed are able to do. The implication is that the ICOM R70 is not worth anything more than my current single-conversion set.

HAM-ORIENTED RECEIVERS FOR THE SWL (Lamont M Jensen, Salt Lake City UT) In May 84 RIB, L Baskin brings up the subject of ham-oriented receivers for the SWL. It appears to me that the mfrs have nearly stopped production of receivers and make mostly transceivers. SWLs would be foolish to spend the 50% to 70% extra for the transmitter portion, just to get an outstanding receiver portion. In spite of that, we do appreciate your [dpn's] comments about the receiver portion of top-notch models. I am still waiting for someone to compare the Signal/One unit with the top Collins, Drake or Yaesu models. We do, however, constantly hope that someone can produce a receiver below $1000 which has the stability and performance of the Racal receivers.

what immediately prompts this letter is yr request (RIB 88:17) for comments on the very subject I've been meaning to ask about, viz. the advant ages of amateur equipt for SWLs. As one of an apparent

ly rare species, being an SWL first and a ham

second, I often wonder why we see so few references to general coverage receivers in amateur transceivers. There are quite a few of these now, & several appear to compare favorably in performance (at least on paper) and even in price (given all the ham discount & used dealers around the country) with R7A, NRD515, & so on. If an SWL wants the best rx available, sh'd he dismiss rigs like the IC-745, -751, -720A, TS-930S, -430S, FT-980 & -757GX, just because there's transmitters in them? And if he's also a ham, or is thinking about it, wouldn't it be dumb NOT to get one of these, if he's in the market & avoid having to buy separate radios for each hobby? Or is there something about these receivers that makes them unsuitable for SWL use? Local dealers I've asked all quickly agree on ICOM as the best of them; personally, the IC-745 tempts me with its selectable IF Shift/PBT (though it's on a slider-type control -- do you know whether these work OK?), notch, variable noise blanker and AGC, RIT & memories. And the "slope tuning" on the Kenwood TS-930S is intriguing too, as you've mentioned in REF.

In short, it seems to me that these transceivers should be considered by SWLs who want high-end gear, especially on used & discount markets. If nothing else, a look at what's available in ham gear might be an eye-opener for many -- must we be limited to the shortcomings even of IC-R70s & -R71s? (Despite EEB's ad, this is NOT "the ultimate receiver"!) But I'm not really in a position to give an authoritative opinion on this, & w'd like to have the benefit of y'r experience & resources. I hope the topic interests enough readers to be allotted some space in an upcoming column.

Regards,
David Weeks

(David pens his remarks from Los Angeles CA)

[dpn: Two lines of ham-intended radios including receivers were the Collins S-line and the Drake 4-line, offering the 75S and R-4 series, respectively. These are still excellent radios but may seem bothersome in a number of respects, esp for those listeners who must imbibe in Newness. At the first, they're mainly vacuum-tube sets. But what may set many folks back is limited (relative to today) frequency coverage: the S-line covered from about 3 to 30 MHz in 200 kHz slices with a different crystal required for each range (and very little space for extra crystals except in the 75S-3C), and the Drake 4-line covered radio reality in 500 kHz ranges, with, aside from ham bands, space for 15 additional crystals. Depends on what you're after, I guess. Personally, I'd prefer the Drake over the Collins -- more adjustments, wider coverage per crystal and, in my opinion, better AGC characteristics. Sherwood Engineering of Denver CO has made the Drake R-4C the basis of extensive modification and improvement, if you're into what the realty people call "fixers", resulting in excellent receivers esp for radiotelegraph and SSB use.

REAXIONS [dpn] Last ish's dpn essay considered by a few to be poor "replacement" for pages "supposed" to be for REF. You err if you think those quoted words; RIB is less struxured than you think & decision to publish N.O.T. gh's, not dpn's -- and gh wished to avoid nearly 8pp of dpn in RIB90: may be you should thank him?

Dpn loves radio and will attempt to get this across thru inclusion of snippets concerning other parts of the wide world. QST is an example of a mag once devoted to enjoying radio but now lost in the darkness of a sterile self-congratulatory monomania. It won't happen here. The REF editor, in and out of REF garb, is committed to disallowing that kind of narrow dream world. If this stings, feel free to browse elsewhere in the magazine.

R7A INTERMITTENT PREAMP REPAIRED (William Dang, Calgary AB) My R7A suffered from an intermittent preamp ever since purchased new 2 years ago. The trouble was traced to a bad preamp relay (contax were not engaging properly). Ordered new relay from Drake; service was fast, got replacement in three weeks. The old relay was a Sigma 60RE2-12DC while the new one was a Potter & Brumfield R50-E2-Y2-12VDC. Removal and replacement was a problem due to crowded double-sided PC boards. New relay has worked perfectly ever since installation, contacts in the old relay appear to be gold plated, but this alone did not assure reliable operation.

Despite the drawbacks of stability, band selection and limited PTO tuning range, the R7A does have two strong points, namely, it makes an attempt to have the IF notch filter work through out the entire IF passband and its BFO is centered on the IF frequency which, along with its Pass Band Tuning/IF Shift, allows tuning ECSS/USB/LSB voice without [having to retune the radio when shifting between sidebands]. Thus, when the signal is properly tuned (i.e., right voice pitch) in these modes, the freq display reads the correct carrier frequency. Perhaps ICOM and JRC'll build these features into any future offerings.

NRD-515 (Maarten van Delft, Utrecht, Holland) I think Juan Carlos Codina idolizes his NRD-515 a little bit too much, although it is his undisputed right to do so, of course. However, I find it could and should have been better in the following 4 respects:

1) It is only a mediocre performer above 15 MHz because its front end does not feature a preamplifier to compensate for the 6 dB attenuation (or more) of the signal travelling through the passive bandpass filters and diode-ring mixer.

2) It is prone to overload (i.e., the formation of intermodulation products) because of its poor intercept point (only +7dBm according to JRC themselves).

3) It has no heterodyne rejection facility (i.e., notch filter) called (very appropriately) "rejection tuning" on many older American receivers.
4) It has no variable bandwidth control.

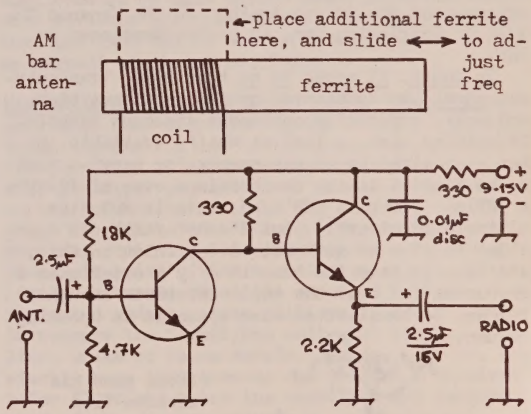
IMPROVISE A MW RADIO INTO A SW (anonymous) Our administration also does not allow multiband radios (their name for radios covering SW in addition to the usual MW/VHF-FM). I am a radio technician and have been in the listening hobby for appx 15 years, and build my own equipment. I tried to contact Mr Demmitt last year after reading your [gh's] article. Prisons also do not allow direct correspondence between incarcerated people and I assume he never got my letter.

I do know how he can turn any standard radio into a multiband receiver as I have done for five sets here (I'm also resident repairman). I was glad to see your exposure of how prisons treat the people they are supposed to serve. I myself have seen how most guards abuse prisoners and consider them subhuman -- as most people running the prisons consider themselves above the law. The reason they won't allow "multiband" radios is that they fear modern things because they don't understand them. They also refuse to allow an FM SCA adaptor for the blind [SCA, connected to the detector in many FM radios, allows reception of information "hiddenly" broadcast by quite a few FM stations using their Subsidiary Communication Authorization subcarrier(s) - one such service being "Talking Book for the Blind" and "Radio Reading Service", as on Seattle's KUOW - dpn] which reads books through any FM radio and costs approximately $10 in kit form from FM Atlas [Adolph, MN 55701-0024]. I smuggled mine in after going to the warden and being turned down "because others would want one." I tried to explain that the device only gave more stations but was told it was illegal. (The FCC says otherwise.) [Some broadcasters have hassled FM Atlas on the basis of the usual "secrecy" (Section 605 of the Communications Act) rubbish, but no one is going to sue anybody for modifying radios to receive services for the blind! - dpn]

To change any AM radio to receive SW: locate the AM antenna. The signal will usually change from your body's effect when you put your hand on or near the antenna; it's simply a coil wound over a special metal core called ferrite. The ferrite can be withdrawn from the coil and a piece as long as the coil secured. This is taped to the coil, and the original ferrite repositioned in the coil and made secure. The amount of ferrite over the coil determines the frequency of the antenna. Also, a piece of ferrite from an old AM radio can simply be taped to the AM antenna and moved 'til the right frequency is received. Neither method damages the receiver, and TV shops have lots of ferrite if you resort to obtaining a piece from a radio. I've received programs from all over the world -- even Swiss Radio International -- and tuning is accomplished with the usual tuning dial. Be sure to secure the ferrite and antenna to prevent drift and don't let prison officials learn your trick as they might take it.

I hope you can publish this as some other prisoner might be helped. I helped one convict obtain shoes after writing the district super. The camp refused his request since his feet were large. In general, police have utter disregard for prisoners. We're here to learn from our mistakes, not to be treated without rights. I've enclosed a diagram for an antenna amplifier that is easy to construct and pulls signals out of the noise unhearable otherwise. Originally from International Crystal [Mfg Co, 10 N Lee St/Box 26330, Oklahoma City OK 73126-0330, and I believe still available from them in inexpensive kit form - dpn] and can be installed in most portable radios. Best regards.

[dpn: here are two diagrams, readers, one perhaps clarifying the Ferrite Technique For Shortwave Conversion and the schematic for the transistor preamplifier...]



Our contRIButor notes that as drawn this preamp covers 20 Hz - 150 MHz with 54-40dB of gain. If you want yours to cover anything of the whole of this range, I suggest using tantalum electrolytics at the input and output blocking capacitors because the usual aluminum electrolytics are crummy performers at radio frequencies. Better (and cheaper still), if you're only interested in the shortwaves, use 0.1uF disc ceramic capacitors instead; they'll be all you need for radio. With all that gain I suggest building it into a metal box so as to avoid oscillation problems, and above all remember that a preamp can cause serious cross/intermodulation if you use it when you shouldn't. If, when you've connected your antenna to your radio and tuned the radio to a spot on the band where no signal's received, you find the noise coming in on the antenna clearly overriding the noise your receiver generates when no antenna is connected, do not use this amplifier! Turn up your audio gain.

The transistors in this preamplifier are both 2N5130, GE 39, or equivalent. Again, beware. With so much gain, use only enough antenna to get

the signal strength you need -- with such an untuned (and bipolar transistor) circuit, crossmod will follow unless you're careful - dpn

FCC ISSUES $16,000 IN FINES (FCC NEWS via L Magne and gh, as heard on SWLD and "World of Radio") The FCC New York District Office has issued 8 NOTICES OF APPARENT LIABILITY TO MONETARY FORFEITURE each for $?,000 to the following retailers in New York City:

NEWPORT OF JAPAN RADIO CORP., J & E GIFTS, INC., BROTHERS CAMERAS AND ELECTRONICS (2 stores), CAMERA WORLD and SOUND, EXECUTIVE PHOTO SUPPLIES, MIBRO COMPANY, INC., and GRAND CENTRAL CAMERA.

In addition to the notices, the New York Office issued CITATIONS to 36 other retail outlets in New York City for marketing FM receivers and cordless telephones that have not been certificated by the FCC. The fines and citations were issued as a result of an intense marketing enforcement survey conducted in New York in December of 1983, by representatives from the New York and Philadelphia District Offices. The representatives surveyed approximately 73 home computers, TV video games, and other low power communications devices. The FCC representatives noted that stores were marketing cordless telephones and FM receivers not approved by the FCC.

Because RF devices can radiate signals and cause interference to public safety and business radio communications systems or other home entertainment equipment, the FCC has instituted rules that require prior certification of RF devices. Equipment not certificated may not be imported or sold in this country.

Fines were issued to some of the retailers because of their continued marketing of uncertified devices in spite of previous warnings and official CITATION notices. CITATION notices explicitly state [that] the marketing of any equipment without prior FCC approval if required is in violation of Section 2.803 of the Commission's Rules, and is punishable under Section 503(1)(b) of the Communications Act of 1934, as amended, by a monetary forfeiture of not more than $2,000 for each violation per day, for an amount not to exceed $5,000.

Retailers who received forfeiture notices were given 30 days in which to pay the fine.

An FCC spokesman stated that this area represents one of several troubled spots in the country. A recent survey showed [that] the national overall non-compliance rate was 10%. However, in this [the NYC] area, it was found to be in excess of 50%. The spokesman further stated that the FCC will be targetting other areas in the near future.

[dpn: this notice dated 7 Mar 84; nothing hrd since on further action. REF readers will note that there is more to mfrs such as SONY refusing to offer warranty service to "gray-market" devices than the mere promulgation of any "monopolistic" marketting structure, as has been hinted earlier in RIB's "Radio Equipment Forum". When you buy from SWL-oriented distributors you are clearly less likely to grease the palms of scofflaws, if that means anything to you.]

ICF-2001 TICKS ON AFTER DOUSE WITH DRINK (Bill Safer, Tinian, the Marianas, via R Horvitz) It's all in the stars. Ever since I got the SONY 2001, I've been really careful about keeping it dry, as per your instructions. I don't even let the receiver sit in a draft. Pampered. And the buttons have been simply marvelous - no problems

Last night we had a bunch of 'active' Samoans at the house. The 2001 was sitting on the table all lit up, pretty. Well - that receiver never did get damp - it went directly from desert dry to Davy Jones soaked, via a full tumbler of ice water...

Interesting results. Forget about reception - forget about memory - forget about changing freq - forget about even turning it off! Unplugged it from the wall - batteries took over - still couldn't turn it off! 'D' cells removed - but still couldn't turn it off. Removing the penlight batteries finally did shut it off...

2001 was in intensive care in the warm air stream of a room dehumidifier for about 20 hrs. Plugged it in tonight & lit up like before - everything seems OK. Live & learn.

PRICES (Rusty Whitney, Portland OR) I don't recall if you've published these ICF-2002 prices but the current (May) issue of Popular Photography shows Garden Camera offering the ICF-2002 for $189.50 and the ICF-7600D for $179.50. Call 800-223-5830.

GET THAT SERVICE MANUAL (James C Cave, Princeton TX) Re RIB 82 REF pg 8 and RIB 80 REF pp 7 and 8. Loren Cox, Jr, was upset about the poor MW and LW performance of the ICON IC-R70. I think he should read Popular Communications, Dec 1983, pp 34 and 35. The author points out several interesting things about MW performance of the R70 and how to improve it. (The LW band is mostly implied.)

The first accessory anyone should get with a receiver is a service manual. This is because some day the factory will be out-of-business or will discontinue repair of the "older" models. Secondly, nice little things to know about the radio may be found in the service data.

(Loren Cox, Jr, Lexington KY) Have found the MW performance of the R70 to be appreciably enhanced by using an antenna matcher. S-1 sigs brought up to S-4 to 5. Despite intentional desensitization this makes the R70 capable of some MW DX work. Most other wavebands improved at least somewhat also (an exception is 19 m. where a net loss is realized). Am using a Panasonic RD-8920 Antenna Coupler, which is effective from about 480 kHz to 30 MHz (still available, I believe, for about $33 from Panasonic Customer Service in Atlanta). Unlike an amplified preselector an antenna matcher provides increased signal strength without introducing additional noise into the system.

UNIDEN CR-2021 $189 from Grove Enterprises, Inc., PO Box 98, Brasstown NC 28902, sez Grove via their own literature relayed by gh.

S-METER READING DURING SWBC HETERODYNE RECEPTION [dpn] Several sources have mentioned their dismay that, when receiving shortwave broadcast signals in 'SSB' modes, their receiver S-meters do not give the same strength reading as when using the 'AM'/'envelope detection'/rectification detection scheme. There is a reason for this.

During rectification detection, when your radio is using the transmitted carrier in signal demodulation, if you've tuned the signal correctly its carrier will be centered in your receiver's IF passband, and that carrier will be determining how much AGC voltage is produced in the radio and thus the S-meter reading, since S-meters almost universally meter the AGC line.

However, during USB and LSB reception, if the BFO in your radio is tweaked properly relative to the passband of the roughly-2.7 kHz (or so) SSB IF filter in the radio, when you tune a signal in properly its carrier will be about 20 deciBels "down" on the sloping "side" (of the graphed selectivity curve of the filter, if you drew it) -- thus it won't generate much, if any, AGC voltage and thus won't show up on the S-meter, much, anyway. This is why, when you tune in a SWBC signal as if it were SSB it only reads on the S-meter during voice and music peaks, just as it would if you were actually receiving carrierless SSB! For what you are really doing when you receive full-carrier AM as if it were SSB is ignoring the carrier and inserting one (with the radio's BFO) of your own.

There is also confusion as to exactly what the "S-units" on S-meter faces mean. The answer is surprising: next to nothing. In the past, attempts were made by a number of manufacturers to decide upon a standard for "S9", usually "50 microvolts at 50 ohms" -- for we have to specify both voltage and the impedance (AC resistance, as radio is an alternating current/voltage) across which it appears. And then each "S-unit" was set as indicating a 6-deciBel decrease in signal relative to that original 50 microV at 50 ohms. If a signal were higher than 50 microVolts at the 50-ohm input of the receiver, its strength would be measured in "dB over S9", and the S-meter scale was usually marked in 10 deciBel increments. And these are voltage, not power, increments, we hasten to add.

But the problem with this is that gains and losses at various points in a radio vary from band to band, and with time, as circuits in the radio age and drift with time. "S9" at 6.1 MHz may take a lot fewer microV at 50 ohms than "S9" at 21 MHz, unless we do a lot of careful calibration of every thing from time to time. It looks like we just can't trust the S-meters on our radios to inform us of anything reasonably absolute. And we can't. Even our radios' input impedance will likely vary widely over the 0.1-30 MHz range common today -- there goes our "...at 50 ohms" standard.

S-meters are for relative readings and this is useful. We can compare, say, BBC with Deutsche Welle on 49 meters -- band to band comparisons, though, won't say much. We can note rapidity of fading and flutter, and the extent of signal peaks, effects sometimes "inaudiblized" by the flattening-out effects of our automatic gain control circuitry. We can tell if we've adjusted an antenna matching circuit best. But we can't take numbers right off S-meters for SINPO and RS(T) reports. Why? With a 100-foot wire, R Japan reads 20dB over S9. We shorten our antenna to a 2-foot stump and RJ's suddenly S4. Do we hassle them to set up a Central American relay site?

Hmmm...S-meters. Not absolute, they are of value in our "getting the feel" of the intensity of a band opening, or prehending something of the quality of a given signal, or the adjustment of matching circuits, or how several signals intercompare at a given time. But no more. Well, heck -- they're also fun to watch.

IN PURSUIT OF SHORTWAVE AND INFORMATION (Douwe Rienstra, MD, Port Townsend WA) I had decided to follow your advice and get the Sharp FV-610GB when up pops an ad for the SONY 7600D [ICF-2002] at East 33rd [St] Electronics, NYC 10016 (212-686-1647) for $150 and I figured I wasn't going to buy another set for a long time -- and $20 [over the projected cost of the '610GB] was little enough to pay for more features in a small package. (I travel a great deal.)

And I'm very happy with the '7600D. Often I do need the external antenna, and I do confirm the "pulling" on SSB that other contRIButors have noted, but this seems okay with "SENSITIVITY" set to "low" or "ANTENNA" switched to the whip rather than the wire.

My '7600D came with a 30-foot wire, earphone and 110V/220V "AC 240" adaptor.

I noted (Larry Magne's?) comments on supporting SW service centers like EEB, Radio West and so on [might have been my comments, also - dpn], so hesitated to tell you of the price at E 33rd!

Some points: (1) At a price higher than $150 I wouldn't buy any shortwave radio. I'm a novice SWL and too frugal to put more money into an untried hobby. (2) RIB sells me an excellent information service; I choose no other service, need no other service, won't pay for any other service at this time. (3) Those of us who sell information or service always walk a line between free service as promotion to gain new clients, and service-for-a-fee as economic survival. This is true for retail stores, physicians and RIB editors. Traditionally, information has been more difficult to put a value on than a service, and more difficult to charge for.

Perhaps it's time for information to claim its proper value.

Example. I patronize a hardware store with very knowledgable clerks who advise me on my home brew plumbing and electrical projects. I buy hardware at prices a little higher than a know-it-nothing chain store down the block. I am hap

py with the deal.

My hardware consultants would take a jaundiced view of the customer who takes their help and information, then walks down the street to make his purchase.

The only solution I can think of is a policy of charging for information per se, and charging separately for hardware.

For "hardware", of course, I can substitute "radio gear"...

[dpn: readers please note that in a number of cases I have suggested folks trying the FV-610GB without having tried it myself, although I've been eyeing it, for several reasons aside from its features-for-dollars value, which seems considerable. Esp for listeners in the signal= starved Pacific Northwest, its apparently high sensitivity (re L Magne WRTH 84), numeric display and stereophonic VHF-FM performance are attractive. Do try to try before you buy.]

MISLABELLED PANEL CONTROLS (N.E. Howe, attendee of the July gathering of the Pacific Northwest & British Columbia DX Club, Seattle WA) Dpn's "exposé" on the "mislabelled" ICOM "passband tuning" [RIB 74] has made about as much difference to reality as the new wave Comet Kohoutek caused in swimwear. I'm tired of the real problems in panel nomenclature -- the "DX/LOCAL" switches the operation of which doesn't necessarily drag in the Maldives, the "DIMMER" switches that really only offer a choice between "retinal burnout" and "tolerable", and the "NB" switches that I keep thinking are going to help me pay closer attention to what's coming over my radio and don't. (Back in college, we used Latin a lot even though our native language was English, and when someone wrote something in Latin, e.g., "N.B.", brother did we listen up.)

But what I'm looking for is a modification for radios like the SONY ICF-2001 and 2002 -- direct access sets featuring an "EXECUTE" button. Like most SWLs, I'm plagued by Radio Moscow (and sometimes, especially at night, DW on 49 meters). What I think is that when one tunes to one of those godoffle propaganda mills one should be able to hit "EXECUTE" and rid the band of one more drone.

I'd be interested in hearing from anyone else who wishes to attempt, or has attempted, this modification.

MORE ON THE IC-R71A (DX Australia member Brian Edwards via Sam Dellitt, Victoria, Australia) A few addenda to the DXA R71 review [**sigh** we just ain't got the space for the whole original review, as apologized for previously; but these snippets should prove interesting - dpn]:

Noise floor is significantly inferior to the R70; several different R70s & R71s have been compared subjectively & one R71 measured as -126/-120 dBm with/without preamp, cf. Sherwood's measured -135/-129 in RIB 12/83. Brian solved the problem by duplicating ICOM's 10dB preamp. [Gosh -- you mean he leaves the internal preamp in and then adds another outboard? Asking for overload - dpn]

Reason for the grossly inferior wide bandwidth AM performance is that the two 9 MHz 2nd IF xtal filters are 2.4 & 3.3 kHz (cf. .5/2.3/6.0 on R70) In AM-wide the only selectivity ahead of the 3rd mixer is the 70 MHz monolithic xtal filter! The R70 6 kHz filter can be inserted but mods are complex (center freq is 1.5 kHz offset).

NEW RADIOS (David W Zantow, Janesville WI and Zack Schindler, Madison Hgts MI) Heathkit tries again with its SW-7800, partly synthesized along the lines of R-600/-1000 and FRG-7700: in other words, synthesized band selection and coil/capacitor main-tuning oscillator. $350 and you must build it yourself. Says DWZ, "In kit form and at a price of $349.95 US, it's not much of a value when you can purchase a Kenwood R-600 for abt $20 less and don't have to put it together and worry about whether it'll work when it's finished. But it may be of some interest to the dedicated kit builder." [Looking it over, and considering the prices of the Rs -600 and -1000, dare I say that, unless you're necessarily into "buying American", I think that anyone who buys this thing should have his/her head examined? The -600 is priced as DWZ mentions, and the -1000 is going for about $400-even these days -- with the addition of a clock timer and the best tuning mechanism newly available under $500 - dpn]

Zack Schindler adds mention of the so-called Kenwood R-11, a portable full-coloredly advertized in QST for August 1984. One hitch, folks, as he can tell you: "Is it my imagination or does the R-11 look just like the Toshiba RP-F11 on the inside front cover of the 1984 WRTH?" [So it does Zack, so it does...]

Ronald Pokatiloff, Zion IL, writes again using his large supply of exclamation points concerning the Eska RX99 PL receiver. He mentions, as Eska originally did, that it would be beginning to be produced in August 1984, but last I've heard is availability in November. This receiver is going to receive the same treatment in REF as that afforded the Poly-Electronic POCOM PFC-100 - SILENCE until someone sends me a report and review based on ownership of one - dpn

GULLIBLE CONVERSION (James C Cave, Princeton TX) Edmund Scientific, Barrington NJ, includes, among the usual other things in a flyer, a "computerized Radio With 25 Memories. Four Band Portable Radio Allows Up To 25 Stations To Be Pre-Programmed. Locate your favorite stations at the push of a button. Sleek 4-1/4" x 1-1/4" x 7-1/4" size is handy for toting anywhere, even overseas, because this radio receives FM, AM, SW and LW. There's also a built-in digital quartz [-crystal-controlled] display clock with timer, alarm and sleep function. Black. Powered by 4 "AA" batteries (not included)." Computer radio A33,984 $99.95; Folding Headphones A33,771 at $9.95.

Says James: "Is this a gullible conversion receiver? Def: 'gullible conversion receiver': a receiver designed and built only for converting SWL money into Big Business Profits."

FRG-7700 FADING DISTORTION (R.E. Jones, Houston, TX) My FRG-7700 has been modified by Radio West with two Collins filters and one of their 4 kHz ceramics, and expanded to 75 channel memory. I am very pleased with it, and I'm lucky because it is stable after warm-up, but it does have one problem that is annoying. I don't know whether it is inherent in the 7700 design or something that can be corrected.

On strong signals subject to much fading much distortion occurs at the bottom of each fade. This can be corrected using the RF attenuator to reduce overall gain but sometimes this results in too little gain on the bottom of the fade during reception of heavily fading signals.

Also: do you publish a yearly [RIB and/or REF] index, like Fox Tango? Do you have back issues available? My objective is to read as much about the FRG-7700 as I can, particularly in regard to the problem I've mentioned.

[dpn: can't speak for RIB, but while indexing the technical content of REF is an ongoing slow project here, nothing like that is available yet.

As to your fading problem, I have noticed that the 7700 does seem to suffer a kind of "threshold" effect during AM reception; that is, during signal fades below this "threshold" audio just drops out. This problem is not prevalent in my R-1000 (Kenwood) receivers. I note schematically that the FRG-7700 AM/AGC detector is of different (a voltage doubler) design than the R-1000 AM/AGC detector, but haven't had the chance to do anything definitive yet on improving the 7700. Let's have experience and comment from other FRG-7700 owners on this, please, because looking over the market I'm under the impression that the FRG-7700/R-1000 ilk of receivers (they're very similar, almost electrical clones of each other in many ways) represent a peak in necessary-performance-per-dollar in shortwave program listening radios combined with pretty good performance in DX and nonbroadcastnonCBnonamateur listening as well. Many of them have been sold, and they will be available on the used market for years to come. We should continue to add to our knowledge about them.

Back issues of RIB are available when supplies allow from Century Print Shop, Donald E Erickson, 6059 Essex St, Riverside CA 92504. Write Don to ask what he has available.]

WHAT I USE (Julius Brodsky, W2MWK, South Ozone Pk NY) I've gotten into SWLing seriously since I received a very fantastic receiver and have it at my bedside for easy 'rabbitearing'. With 'phones I don't have to disturb my wife while listening. I should mention my receiver, which you may be familiar with: the SONY CRF-1. I rarely see this receiver mentioned in RIB but it's fantastic. I literally hear the world with a fifteen-foot indoor antenna.

I have some 'oldie but goodie' tube type receivers such as some by Hallicrafters: SX17, SX25, S40B, all operational. If I could add a frequency counter/readout to the SX25 that would make a terrific receiver. I have a Radio Shack DX-160 but the less said about that the better; I wonder if the poor sensitivity is peculiar to mine or is a common problem?

[dpn: I think the CRF-1 isn't mentioned too often in REF because of its high cost-to-performance ratio -- about $1800 for a radio performing little better than excellent table sets at less than 1/2 the price. Larry Magne reviewed it in the 1982 WRTH.***I'll bet that after you've gotten the feel of where the major stations are on each SWBC band you'll turn on your SX-25 to find that it's a terrific radio now. For a digital display does not improve the performance of a radio as far as anything like sensitivity, stability or selectivity goes, and, at least for program listening, once you know who's on each band when, pretty much, you don't "need" a digital display. Except for arcane DXing purposes, within most SWBC bands a really precise fqy readout is a kind of set of training wheels. After one knows one's neighborhood, does one continue to navigate with a map? I wonder about these people in SWLing who whine of their need for 0.1 or even 0.01 kHz readout...are we aware that there's no such thing as "exact"?

SONY WA-5000 (Warren Lind) After much dithering over what kind of portable SW radio I wanted to buy (I do a lot of travelling), I finally purchased a SONY WA-5000 7 Band Radio/Cassette 'Corder in a duty-free shop in Toronto for $169.00. I found its pickup quite good (although no fine-tuning and speaker output quite low), and the ability to easily record off-air SW programmes was useful. The radio/corder is compact, light and will easily fit into a camera bag. It has an earphone jack and ext mic input, but, unfortunately, no "line in" jack. It operates on batteries (I use rechargeables as it uses up batteries quite fast -- 2-3 hours on one charge for the tape recorder) as well as a separately purchased AC adapter. There is a tuning light that illuminates on strong signals. Battery light lights when there is enough battery power. The one problem I have is the on/off switch. It is actually a tape on/radio-on switch. It easily slips into "radio on" when being carried as there is no "lock off" switch -- thus draining batteries easily.

Generally, I find this radio/corder quite good for my needs. On my return after 2 weeks in the West Indies here the radio picked up SW signals from all over; I saw a new model SONY had put out -- a stereo [fm] radio/cassette 'corder with 9 bands. This new one has a clock, also. It's slightly longer and heavier than the WA-5000 and retails in Toronto at $345.00. [WA-8000]

I'd appreciate hearing from others who have the WA-5000, and about any modifications (e.g., antenna connections) they have on it.

-via FBIS
edited by
Robert Horvitz

C H A D .(Chadian Press Agency, Info Tchad, N'Djamena, 29 March) "I expect everything of the radio station," said a listener who was asked in a poll what he expected of Radiobroadcasting. Although exaggerated, his answer takes on symbolic value when it comes to defining the role of this means of communication for the masses. This example is enough to indicate the full importance of the simple inaugural ceremony of Chadian National Broadcasting's new shortwave transmitter last Tuesday in Gredia...

The wager that the Ministery of Information has carried out is broad in scope. For 4 years. the CNB covered only a miniscule portion of the country. Several thousands of our fellow citizens were cut off from that important decision-making center, the capital, and were sometimes unaware of events taking place a few kilometers away. As understandable as it may have been, this situation could not go on. Thus, the efforts undertaken by the national authorities have fulfilled a wish nurtured by all Chadians... In addition, Radiobroadcasting today is the foundation of reconciliation... Indeed, the installation of the new transmitter, by virtue of its power, has become a means of action toward the Government's primary objective: national unity... But, however powerful a radio might be, it cannot carry out its role unless it is used wisely.

This listener is demanding and quite rightly expects the radio, his everyday companion, to answer his desire for information and recreation. CNB has an important battle ahead of it: Now that it has full power, it must recapture its listeners so that Chadians will lose that regrettable habit of tuning in to other stations, and regain the following our radio had begun to build abroad. (Translation in Worldwide Report: Telecommunications Policy, Research & Development, TTP-84-014)

G R E N A D A (Trans World Radio, Bonaire, 1130z 25 May) In St George's, Grenada, government sources say an ideological purge has taken place in the Ministry of Information, resulting in the dismissal of 10 employees at the state-run Radio Grenada. The sources say among those dismissed were (Harold Fasadi) and (Michael MacMillan), as well as a number of technicians and operators. Grenada's interim government gave no official version of the firings. Last December, the interim government chairman, Nicholas Brathwaite, said the Ministry of Information was, in his words, packed with people who are not genuine workers but are committed to an alien ideological cause. The island's radio station, known before last year's coup as Radio Free Grenada, was bombed and destroyed during the October US military intervention. The station now operates out of makeshift headquarters. (Daily Report: Latin America, 30 May)

I R A N (Keyhan International, Tehran, 14 Dec 83) The recent trial of the leaders of the banned Tudeh Party on charges of conspiracy and espionage in the Islamic revolutionary court has deeply angered the Kremlin officials because of the disclosure of facts regarding the Kremlin's close contacts with the Tudeh Party. Therefore, by broadcasting fabricated lies, Radio Moscow endeavors to cover up the truth. Before we probe into the reasons for Radio Moscow's extensive propaganda campaign, we should point out the latest trend of propaganda by the Eastern bloc countries against the Islamic Republic of Iran.

Radio Moscow's continuous propaganda attacks revolve around two issues: Radio Moscow is opposed to the Islamic Republic of Iran's rightful policy to continue its war with Iraq until complete victory... The second issue pertains to the arrest of the leaders of the banned Tudeh Party. As is known to everyone, the leaders of the Tudeh Party, the central committee members and all its dependents have been arrested and have confessed to their acts of treason...

The revelation of facts regarding the Soviet Union's policies in Iran after the Islamic revolution, motivated the Soviet news media to portray the confessions of the Tudeh leaders as being taken under stress and torture. Radio Moscow went even further and said that the Tudeh leaders have been brainwashed. However, after the Tudeh leaders in a series of television interviews, rejected all these rumors, Radio Moscow kept silent...and indicated the arrest of the Tudeh leaders as a sign of Iran's inclination to US imperialism...

We believe that the Soviet Union, instead of fabricating baseless issues and defending the Tudeh Party, should review its policy and discontinue its hypocritical stance. (Daily Report: South Asia, 20 Jan)

I R A Q (Abd-al-Wahab al-Qaysi, Al-Dustur, London, 12 Dec 83) Baghdad - The 6th session of the General Congress of the Islamic Nations Broadcasting Organization has concluded. It was held under the auspices of Iraqi Minister of Culture and Information Latif Nusayyif Jasim and was attended by about 32 African, Asian, Arab and other Islamic nations. The 6th session established a broadcast programs plan among Islamic nations and the method of exchanging radio and television broadcast programs for the next 2 years. The congress elected Iraq, represented by Dr Majid Ahmad al-Samarra'i, head of the Public Foundation for Radio & Television Broadcasting in Iraq, as head of the general congress. The session lasted roughly 6 days, during which time Baghdad became a folklore capital for the conferees, where they were viewed in their costumes as they wandered about the streets of Baghdad...

Al-Dustur met with the new chairman, Dr Majid Ahmad al-Samarra'i, after his election... He stated that the 6th session of the Islamic Nations Broadcasting Federation was convened in a critical period for the Arab community and the Islamic world and at a time when serious challenges are increasingly aimed at the history of the community, its existence, its values and its future... These challenges and threats take various forms, among the most prominent of which is the action to distort the essence of the Islamic religion and its various meanings and spiritual values in a campaign led by Khomeyni and his regime: A man who hates the Arabs and who is veiled with the cloak of religion, while he is devoid of religion, and a regime based on expansion, aggression, killing, destroying and sowing dissension among Islamic peoples... Thus, media people bear a responsibility, especially those who are responsible for Islamic broadcasting. This responsibility is to oppose these threats, to expose them and discover their goals, and to work continually and struggle tirelessly to elevate the word "right" and the plain truth...

Dr al-Samarra'i indicated that resolutions were adopted concerning the inimical propaganda represented by Zionist and imperialist propaganda, since the general congress of the Islamic Nations Broadcasting Federation will begin holding a seminar about this ideological invasion. This seminar will be held in Kuwait in 1984 and will cover all treatments of the Zionist and imperialist ideological invasion... (WWR:TPR&D, TTP-084-003)

L E B A N O N (As-Siyasah, Kuwait, 22 May) A new radio station will begin transmission in Beirut at the beginning of the month of Ramadan under the name of the Al-Maqasid Charity Association; its frequency range will cover Lebanon, Syria, Jordan, Saudi Arabia, occupied Palestine, and Cyprus. Thus, the Sunni Lebanese leader Sa'ib Salam will enter the war of the radio stations which began to proliferate in Lebanon during recent years.

The Voice of Lebanon radio is currently operating under the supervision of the Lebanese Phalangists. The Voice of Arab Lebanon is the organ of the Independent Nasserite Movement - Al-Murabitun. The Voice of the Mountain is the organ of the Progressive Socialist Party. The Radio of Free Lebanon is run by the military wing of the Phalangists, and the Voice of the North from Ihdin is being operated by the central command in Zgharta and is linked to former President Sulayman Furanjiyah.

The Shi'ite Amal Movement is also working in the direction of establishing a political affairs radio station and another one to carry religious programs. (Daily Report: Middle East & Africa 24 May)

S O U T H A F R I C A (Rand Daily Mail, Johannesburg, 18 April) An SABC internal memorandum which reached the Press by mistake yesterday shows "the SABC is no more than an additional arm of Government propaganda", the Progressive Federal Party says. The memorandum gives guidelines for promoting the Government's new constitutional dispensation among blacks by expanding radio services... The media spokesman for the PFP, Mr David Dalling, said yesterday he would raise the matter in Parliament... "The SABC constantly pleads its independence and yet, by its actions month after month proves its total subservience to Nationalist ideology" /he said/...

The memo, dated April 11, is headed: Radio Services in Black Languages. Complete Radio Coverage. "Through differentiation and decentralisation, the new constitutional dispensation in the RSA allows for a heterogeneous population within the framework of a constellation of Southern African States. This would mean changes in almost all fields, which would decidely necessitate adjustments. These adjustments could only be made efficiently and with as little disorganisation as possible in the correct educational, guiding and informative atmosphere, and in this role the radio is indispensable," the memo reads. "Some expansion has therefore become necessary, such as a wider coverage of all nine of the Black language groups. The listeners of only two of the nine services enjoy complete coverage in the PWV area. The matter is therefore receiving attention as far as the expansion of the other services is concerned in order to at least be able to cover the Witwatersrand area initially. In the meantime, the necessary approval has been obtained to place transmitters into operation as follows - four at Broadcasting Centre, Johannesburg, one at Maraisburg and two at Welgedacht."

Radio Tsonga: An FM transmitter on top of the Piet Meyer Building is to start transmission to the Witwatersrand area on May 1.

Radio Tswana: The envisaged FM transmitter (medium power) on the Piet Meyer building takes the air on May 1.

Radio Xhosa: The needs of listeners in the Witwatersrand area, says the memo, are met by an FM transmitter (medium power) on the Piet Meyer Building. It will also start transmitting on May 1.

Radio Lebowa: An FM transmitter (medium power) for Witwatersrand listeners will start transmitting on May 1.

Radio Venda: For the Witwatersrand area low-power medium wave transmitters at Maraisburg will go on the air on May 1.

Radio Swazi and Radio Ndebele: These listeners, says the memo, have no reception in the Witwatersrand area and the situation will change on May 1 for Swazi listeners and on the same day

for South Ndebele listeners when low-power medium wave transmitters at Welgedacht take to the air.

Radio Lotus: The Radio Lotus transmitter will be available ahead of time but at the request of the programme director, commercial services will not be put into operation before August 1. (WWR:TPR&D, TTP-84-013)

T A S H K E N T (Helam Khudoyberdiyev, deputy chairman, Uzbek State Committee for Television & Radio Broadcasting, Ozbekiston Adabiyoti Va San'ati, Tashkent, 16 Dec 83; summary by FBIS) The author states that for the past 36 years Tashkent Radio has been broadcasting to foreign countries. Although the republic lacks an educational establishment that prepares specialists for foreign broadcasting the radio's journalists...have performed admirably. Due to their efforts the number of foreign listeners to its 10 hours of daily programming in 7 foreign languages has been growing every year. Listeners sent out 3000 letters to the station in the first half of 1983, which might seem to be a small amount but is considerable when one considers that it isn't easy to send letters to the radio from foreign countries. Not only is it costly, but it may be politically difficult. These letters generally are of 3 types. Most letter writers listen to the radio's broadcasts in their native languages and say they're impressed by the Soviet regime and society. A few write anti-Soviet letters. A third group asks questions or makes various requests. The radio staff tries to respond to those in the third group.

Khudoyberdiyev notes that foreign broadcasts are in Uzbek, Uighur, English, Arabic, Persian, Urdu and Hindi, and briefly discusses the first two. The "Compatriot" radio station prepares broadcasts for Uzbeks living abroad which typically include readings from the works of various past and present Uzbek authors. The Uighur staff prepares 3 hours of daily programming that tells about the life of the Soviet people, covers international developments, and includes performances by Uighur folk instrumental ensembles. Letters to this office frequently ask about the life of Uighurs in Uzbekistan and the friendship of peoples.

Khudoyberdiyev remarks that a major mission of Tashkent Radio is to expose the militaristic policy of imperialism... (USSR Report: Political & Sociological Affairs, UPS-84-037)

T H A I L A N D (Bangkok Post, 9 Jan) Thai radio broadcasts will be beamed to the thousands of local workers who get jobs in the Middle East in the next two years. Before leaving for a 15-day Middle East tour yesterday, Deputy Foreign Minister Praphat Limpraphan said the shortwave broadcasts for the estimated 200,000-strong Thai audience would be similar to the Free Asia Radio service run by the Foreign Ministry. Ministry information officers were conducting a feasibility study and the station should be operational in two years, he said. (WWR:TPR&D, TTP-84-004)

GEOGRAPHICAL IGNORANCE (Ken L.A. Burgess, Swift Current, Sask.) I agree with gh's comments in RIB 90 page 30; no excuse for non-knowledge of the world around us! I too have this fascination of maps, globes, and especially atlases, which I still study in detail just to satisfy my own curiosity. Another very great help is a soft-cover series by Stryker-Post Publications: "The World Today Series." Every country and/or political region is examined with the exception of the U.S. and Canada. The books are divided into the areas of Africa, Latin America, The Middle East and South Asia, The Far East and Southwest Pacific, The Soviet Union and Eastern Europe, and Western Europe. The general history of each continent/area is explained, followed by a country-by-country examination. Nothing in extreme detail is brought forth, but it can sure expound one's knowledge of the country one chooses to examine!

Each country's summary opens with a telescoped look at these facts: the area, population, capital city, neighboring countries, official language, other principal tongues, ethnic background, principle religion(s) sometimes divided up percentagewise, Chief commercial exports, major customers, currency, former colonial status (if any), chief of state (with variations, depending on the type of government, political system, etc.), and national flag. The text itself discusses history, culture, economy, and the future under subheadings labelled as such. This series makes interesting reading on its own, and is updated yearly in August.

I have bought older (5-year) copies from the discard bin of the local library, and of course, current copies are available for borrowing. I've no idea of the wholesale or retail cost, but if you're interested, try Stryker-Post Publications yourself at 888 -17th St., N.W. Washington, D.C. 20006. Executive offices are at Harper's Ferry, W. Va. 25425.

MODERN ELECTRONICS
THE MAGAZINE FOR ELECTRONICS & COMPUTER ENTHUSIASTS

Good news for those who lament the passing of POPULAR ELECTRONICS. Its former editor, Art Salsberg, has started a new magazine and brought back many former PE columnists, including gh. Check newstands for the initial October issue, yellow cover, red title. Charter subscription offer within is $12.97 for 12 monthly issues (add $5 for Canada), or 2 years for $22.97; check/MO/Mastercard/Visa, to Modern Electronics 76 North Broadway, Hicksville NY 11801. GH's initial COMMUNICATIONS column starts on page 90--"50 Countries for Shortwave Listening".

(edited by gh)

REPORT FROM PERÚ

by Juan Carlos Codina, Lima

Covering July 5-August 13, 1984. Times are UTC, but evening dates and days are local in the Americas.

16330.0 PERÚ Incredibly enough, this fq which carries Mayak on LSB at some hours, was heard 25/7 on USB (A3J) with some sports news in Spanish, by a Peruvian-speaker. Later found that it's some kind of nx directed to Peruvian seamen; so of course it's some Peruvian coastal station, but not in a broadcasting style as R. Rivadavia used to do via Gral. Pacheco Radio some years ago, but instead only as part of the phone traffic with ships. Later, tfc about position of different ships abroad, and speaking with a ship in a Spanish harbor [times?]

15228.0 CUBA R Habana Cuba, Spanish to Americas, on this strange fq instead of 15230, 2/8 2230; after 0200 back on 15230.0

12240.6 ECUADOR R Ondas Cañaris, Azogües, very strong on harmonic, late aftns; 2258 ID w/MW fq 1530, SW 5045. Of course, SW outlet is inactive, but could hear them very well on this fq, and 4590.3, 9180.6 [3rd, 6th, 8th harmonics] [2nd week of Aug; pse date every item? Tnx, gh]

12070.7 COLOMBIA La Voz del Guaviare, 2nd harm; after hearing a het QRMing The Mayak/Rodina xmsns on 12070 for several days, this became audible, e.g. 8/7 w/Cuban mx at 2130; well listenable in the period when Mayak/Rodina xmtr is off the air, till 2200. Lots of mentions of CARACOL and San José, meaning San José del Guaviare, the town where it's located

9115.0 ARGENTINA R Rivadavia, Buenos Aires, USB, hrd 6/7 w/spl pgm due to 24h strike at all Arg stns exc official ones, by the journalists, announcers, and technicians unions. Pgm only of mx, IDs at regular intervals w/strike anmt. R Nacional continued w/normal pgms, tho anncing solidarity w/strikers of other stns

7455-7410v BOLIVIA R Carlos V, Betanzos, Potosí, not noted for a month; inactive as of 13/8

7433.4 PERÚ R San Pedro, Cajamarca, Cajamarca, not noted for a sesquimonth; inactive as of 13/8

7404.6 BOLIVIA R Carlos V, Betanzos, Cornelio de Saavedra, Potosí, seems stabilized here for a week as of 7/7; however, last week on 7408.4 [later, inactive; see above]

7304-7303.7 PERÚ R Selva, Moyobamba, hrd as usual in this range, but interestingly enough, now going until 0330, so more chance to be heard overseas [early July]

6972.3 EL SALVADOR R Farabundo Martí, Chalatenango, hrd here 6/7 0120-0130+

6556.1 EL SALVADOR R Venceremos, Morazán, now begins xmsns w/ranchera mx piece, dedicated to Radio Venceremos itself, very nice theme identifying itself; hrd at *0000 & *0230 12/7

6520.7 ECUADOR Radio RJ-1, La Voz de la Juventud, Loja, hrd 27/7 w/really vy nice Ec mx, 2120-0100+, varying down to 6520.5

6428.4 PERÚ R Espinar, Espinar, operates regularly weekends only, Sats & Suns; not yet hrd in US and Sweden? [early July]. Hrd again 28/7 as early as 2130, after two weeks inactive. As usual, a weekend operation. Low signal today, and lots of fax QRM on high side; 29/7 on 6428.5, ID as "R Espinar, en su sintonía, para todo Espinar". 4/8 & 5/8 also good on 6428.4

6350.0 COLOMBIA LV del Samaniego (tentative name), reactivated, hrd again as usual extremely poorly. No ID from this strange stn, but I'm sure this is it, 28/7 0055 cumbias, some nondescript anmt and lots of CW QRM

6340.2 BOLIVIA R La Voz del Caine, Cochabamba, hrd daily, but generally very weak, only carrier discernable; however, 7/7 better w/pop mx from first check 0030 till 0210*; after 0200, cumbias. Sometimes msgs to people in countryside

6200.6 PERÚ R La Voz de Huamanga, already here, week by week going higher, better than now because was easier to separate from Albania, Soviet Union, and R Sandino dominating this fq [early Jul]

6080.0 CHILE R Diego Portales, ID at end of nx and temps for Santiago area. Now, is it Patagonia Chilena w/nx from D.P. or D.P. using P.C. xmtr? Help! 12/8 2205 at same time, R Calama 6099.3 but gone at 2208 check; in same range at same time hrd Taiwan 6087 to 2200*; African stn in vernacular on 6088.9; R Belgrano, Argentina, G sigs even covering HCJB on 6090. Afr should be Kaduna, Nigeria, or Beira Mozambique; ideas? Again w/nx 2330-2345, Portales ID, so have they now taken over fq, or networked w/Patagonia Chilena? Clues?

6070.9 COSTA RICA R Rumbos, Cartago, first hrd 14/7 0205, anmts for stores w/prices in pesos, melodic mx; at first thought Bolivian, but later ID as "En Rumbos, son las..." So ex-6073.6; also noted months ago on 6072.3. What puzzles me is why they have clearly added an -s to their name. Very nice old bolero mx; 0300 clear mention of Cartago in ad

6041.3 BRAZIL at first unID, very faint, unable to tell if SP or PT for several weeks, but 11/8 tnx to tip from Steve Reinstein in DXSF, remembered to check again, and confirmed it's Brazilian, but w/heavy RBI Spanish QRM on 6040. Later IDed as R Clube Paranaense, Curitiba, Paraná, [nom. & ex-6045], also announcing 11935, 1430, and 2440 where tentatively heard

6014.8 NICARAGUA LV de Nicaragua, first day hrd here was 19/7, moved from old fq of 6017.4

5984.9 BOLIVIA R San José, San José, Oruro, wonderful sig, 20 over 9, well modulated, and most important, very nice Argentinian-Chilean type mx (also could be southern Bolivian); more mx later definitely S-Bol. After 2300, QRM from R Liberty and from 2302 by jammers covering both. Hrd

first at 2240, non stop mx 11/8; mixed w/Bol mx lots of Arg mx (the nicest in the world, hi). Jammers gone after 0000, leaving a weak stn in Chinese [WYFR/VOFC]. No ID until 0009, so really a stn for those who want to hear Arg folk mx w/out interruption! At first thought Argentina testing new xmtr, but ID at 0009: "...CP222, Radiodifusoras San José, la voz oficial del trabajador del subsuelo operando en sus dos frecuencias, ondas corta y media, 5895 (sic) y 1490 kHz, voz oficial del trabajador del subsuelo, Radio San José." So same stn as in WRTH 84 on MW as CP172 in Oruro; great catch! But what about a SW callsign? Next day at 2100: (female ancr this time) "...CP172 onda media, CP222 onda corta, R San José, voz oficial del trabajador minero". Arg mx as usual, nearly nonstop. By far nicest stn discovered in a long time; really very nice style. Note that for many years Bolivia was an Argentine province, but after Argentina became independent, due to the lack of territorial ambitions, it was granted independence in the last century; so its folklore and traditions are the same as Argentina's. R San José hrd next day as early as first check 2100, going till 0201*, now on 5985.0. S/off anmt 0201* greeted listeners and advised them it would be back at 1030 UTC (6:30 local). Don't know yet if they have a break in the afternoons

5910-5906 BOLIVIA R Panamericana, La Paz, outlet hrd here previously is spurious, confirmed because 20/7 again w/strong sigs around this range at 2120, at the same time as hrd around 6300, so these are spurs each 195 kHz from main fq of 6105.7; see next item

5893.1 BOLIVIA R Panamericana, La Paz, again hrd here 12/8 2130 // 6105.7

5847.5 PERÚ R La Oroya, La Oroya, 4th harmonic w/fútbol match 22/7 2100-0000+; also hrd on 3rd 4385.6 and 2nd 2923.7; other strong harmonics in 5 MHz range were R Cajabamba, Cajamarca on 5450.6 -- 5th, and R Heroica, Trujillo on 5640.2 -- 4th

5711.1 PERÚ unID, first noted totally distorted, 27/7 2115; not noted after 30/7

5657.2 PERÚ R Bambamarca, Bambamarca, Cajamarca, very nice sigs Sun 12/8 till 2345* due to fútbol match xmsns; good opportunity then to hear overseas; after 2315 romantic ballads pgm

5628.4 PERÚ unID totally distorted, spurious? at same time as nearby Bambamarca, also w/fútbol; at same time San Francisco distorting around 5539 and Tongod around 5445

5587.4 PERÚ R San Francisco, Bambamarca Cajamarca, now here w/better mod, tho still w/undetectable carrier and varying tho not so much. Hrd daily, e.g. 27/7 2100-2250*; VG sig 28/7 on 5601.5, much improved modulation, till 0030* ?

5575.5 PERÚ unID, first noted 12/7 arnd 2145, VP sig, well mod, anmts for Lima stores; new provincial

5560.5 PERÚ R Pucará, Pucará Jaén, Cajamarca, again active 12/7 till 0300; at about same time, R 15 de Setiembre w/usual jammer above on 5580; also on 5555.3 w/out jammers. Pucará made another rare appearance 19/7 0045 w/"Mambo de Machaguay" played by a typical Cajamarcan group. Again 9/8 0200 w/vy nice andean mx, also following day as early as 0050 w/tropical mx

5551.9 PERÚ R San Francisco, Bambamarca, Cajamarca, hrd here 12/7 about 2145-2200, usual huaynos pgm distorted but readable. 2150 many anmts for Hualgayoc area, especially for stores selling rockets! (cohetes, in Spanish). Seems to be a very popular product for Cajamarcans. Also anmt for stores in Yaucán, Bambamarca, etc. Note that there is a very famous festival in Cajamarca, one of the very best in Perú

5539-5537 PERÚ R San Francisco, Bambamarca, 22/7, moving in this range, distorted as usual, from 2030 till 2307* Addressing listeners in Celendín, which is far from Bambamarca. Slogans: "Para que se diviertan, en todo el norte y el Perú entero." Name of pgm: MELODÍAS CAJAMARQUINAS; also addressing people in Pallán

5485.2 PERÚ R Tongod, Tongod, Cajamarca, hrd here 15/7 as early as 2030, VG sigs but as usual, totally distorted & varying. Tropical mx; at same time, its similar neighbor in the spectrum, R San Francisco, also distorting around 5563.8, but w/huaynos nonstop Also usual happy birthday theme on R San Francisco. SF closing at 2200*, Tongod at about 2230*; following day on 5488.3, moving later to 5473.8, 5475.5, etc., etc., Tongod closing then at 2200

5483.4 PERÚ R San Francisco, Bambamarca, Cajamarca, hrd here 20/7 2130, competing w/R Tongod that day around 5478-5463. However, sometimes both stns moving in same range, QRMing each other Tongod going higher and reaching SF sometimes. Both totally distorted, so a real mess. Also lots of PTP ute phone QRM; till about 2230

5402 apx PERÚ R Tongod, Tongod, Cajamarca distorting here 28/7 as early as 2040; huaynos. 5/8 closing w/NA at 2110*; around 5468-5469 apx

5359.6 PERÚ R Visión, Juanjúi, San Martín, reactivated! First hrd w/amazing 30 dB over 9 signal 6/7 w/VG mod. I think it's now at least 5 kW. So Continente and Visión are two different stns. "Marca el 050 de Radio Visión, una radio con corazón".

5339.9 PERÚ R San Miguel, San Miguel, Cajamarca, reactivated! Heard after a sesquimonth inactivity, for Independence Day 28/7; at first check 2040. G sig as usual, till 2100*, back at *2300

5310-5309.7-5309.3-5308.9 unID LAm stn, very low signal, barely discernable thru QRM. Low sig resembles LV del Caucayá, Puerto Leguízamo, Colombia, but not sure; 5/7 from about 0050 till 0230+, slightly distorted signal [Cuban harmonic 9 x 590 kHz often fools people in NAm]

5274.3 PERÚ R San Juan de Chota, Chota, Cajamarca, first noted at first check 14/7 0000 w/30 dB over

9 signals! Very well modulated, one of Perú's best. Lots of cumbias; seems to be testing because sometimes only open carrier. No IDs, sometimes w/xmtr problems. Very nice Ancash-like folk mx also, making me suspect a new fq for Yungay. Sometimes w/strong carrier but very low audio. Sig deteriorating rapidly later, due to bad geomag condx today, however later back to 20 over 9. Ancash mx till 0100; no IDs hrd in this period. Abruptly off 0103. Carrier back at later check 0200, noises like connecting phone jacks, touching them with hands. Very powerful and well-modulated; near level of Acobamba, relatively near Lima. Next day hrd at first check as early as 2000 w/lengthy anmt, ID between pop mx: "No camine solo, deje que lo acompañe Radio San Juan, desde Chota y con cariño, para todo el nororiente peruano y para todo el país, en los 5275 kilociclos banda internacional de los 60 metros". Later another ID as "Son los 5275 kilociclos de Radio San Juan, transmitiendo desde Chota...con cariño para todos ustedes amigos, que nos escuchan." And, "...para todo el norte peruano." 2109 anmt: "...en Radio San Juan de Chota, son exactamente las 16 horas, cuatro de la tarde con ocho minutos, 22 segundos. Estamos transmitiendo desde Chota con cariño, por primera vez en sus receptores, Radio San Juan de Chota. Éste es un enlace desde la provincia de Chota con el Departamento de San Martín: en Chota, Radio San Juan, y en el dept. de San Martín, Radio Nuevo Cajamarca: comunicamos a los colegas de Radio Nuevo Cajamarca que el día de hoy, a las seis de la tarde, estaremos en sintonía, pendientes de su sintonía, para que nos comuniquen cómo recepcionan las señales de Radio San Juan, que el día de hoy a las 11 de la mañana, ha iniciado su transmisión en forma oficial." So I was right, yesterday they were merely testing, w/out IDs. And today they want to know how they are being heard in faraway San Martín dept, that is an area very related to to the west of Cajamarca Dept. At 2138, "...las cuatro de la tarde con 37 minutos, en los estudios centrales de Radio San Juan, que transmite desde el Pasaje Cruz Ramírez, a poquísimos pasos del Hospital Central de nuestra ciudad. Radio San Juan, es garantía de buen servicio, somos profesionales; estamos transmitiendo en 5275 kilociclos, en la banda internacional de los 60 metros, onda corta. Then again calling the people of R Nuevo Cajamarca. VG power, VG mod, stable and w/G style so I'm sure they will easily win over their neighbors, that is R Chota 6296 and R Acunta 5802.6 Anyway, ancing that they began this morning, but "en calidad de prueba," so surely still without license, I think. After 2200, Ecuadorian mx pgm. Manager is Raúl Rivera Burga, as ancd; seems also to be mgr of R Nuevo Cajamarca, per its anmts. Continued hearing them regularly, daily, with enormous 25 dB over 9 signal, but closing at 2300; even 23/7 hrd at 2200 anmt saying they would go off at 2300*. So this is good example of harmonizing between two provincial stns working on same fq, something that is not even common in international broadcasting! And of course is so much rarer in the chaotic Peruvian broadcasting scene (So they cut transmission at 2300 when R Moderna, San Marcos begins immediately on 5273.5). I wouldn't believe it if I hadn't discovered it; must be by deliberate arrangement. Moderna is 10 DB weaker; R San Juan de Chota announces 1000 watts of power. Now you can catch two rare stns without moving the dial! Till 2300 ATARDECER ANDINO (Cajamarcan huaynos). At 1725-1800 they have a nx pgm RADIO SAN JUAN EN LA NOTICIA. Ancd that sked from tomorrow is *1100-1500* and *1700-2300*. Personnel IDed as: Raúl Ribera Burga manager; announcers: Eladio Cuzba, Carlos Sidrobo; technician: Alberto Lozano. Closing anmt: "Desde Chota transmite Radio San Juan de Chota, 5275 kilociclos, banda internacional de 60 metros...nuestros estudios se encuentran ubicados en el Pasaje Cruz Ramírez, frente al hospital de esta ciudad de Chota. Radio San Juan, potencia y calidad, 1000 watios de superpotencia, cubriendo nítidamente Chota y a nivel nacional." Music and then "Amables oyentes, de Radio San Juan de Chota, es así como vamos a concluir nuestra transmisión correspondiente al día de hoy, lunes 23 de julio de 1984, año del sesquicentenario del natalicio del almirante Miguel Grau. Agradeciéndoles infinitamente por su gentil sintonía, es nuestra tarjeta de invitación para que nos vuelvan a sintonizar el día de mañana, con una nueva programación a partir de las 6 de la mañana a 10 de la mañana, que será nuestra primera transmisión, y del 12 del día a 6 de la tarde. Amables oyentes, una vez más queremos hacerle recordar que el día de mañana estaremos saliendo ya en la forma normal de 6 de la mañana a 10 de la mañana en nuestra primera transmisión, y segunda transmisión será desde las 12 del día a 6 de la tarde Amables oyentes de todo el territorio nacional, muchas gracias por su gentil sintonía y nos volvemos a encontrar el día de mañana, con una nueva programación similar al día de hoy." Then gives names of people on the radio and "Esperamos amigos que nos honren con su sintonía el día de mañana a partir de las 6 de la mañana. Muchas gracias, y permiso." [c. 24/7:] The deal between the two stns broke down! Today hrd both stns on in the morning as early as 1100, conflicting w/each other, and also at 2305, but San Juan winning by far. The Peruvians couldn't resist fighting it out. A real mess, confirming the folklore of this country. R San Juan announced something I had presumed for some time: Raúl Rivera Burga, its owner, is also owner of R Nuevo Cajamarca. This explains a lot of calls from one stn to another. R San Juan de Chota going today till 0030*. R Moderna de San Marcos till 0500*. At 1100-1200 has BUENOS DÍAS CHOTA and at 2100-2200 MÚSICA VARIADA. After 26/7 settled the problem, shutting off San Juan at 2300* and Moderna coming on at *2315. [2nd week of Aug:] up to 5274.4, wonderful signals still

5273.5 PERÚ R Moderna, San Marcos, Cajamarca, another new one! First hrd 22/7 about 2300 after R San Juan de Chota closed at 2300 on 5274.3. Two very different stns. Also note that this is the third Peruvian SW stn w/that name. Nearly one hour of nonstop mx, all kinds of it; IDs begin at 0000, lots of them. VG ancr, the best by far hrd in a long time on a provincial stn. Some of the anmts hrd: "Desde la provincia de San Marcos, transmite Radio Moderna, un mensaje de amistad en los cielos del Perú." "Ésta es Radio Moderna de San Marcos, Cajamarca, transmitiendo en los 5270 kilociclos, para todo el norte del Perú." "Éstas son nuestras transmisiones de prueba, desde la ciudad de San Marcos." "Ésta es Moderna, la radio del 84, en calidad de prueba desde la ciudad de San Marcos." More IDs: "Ésta es Moderna, la emisora más joven y potente del norte del Perú, transmitiendo en los 5270 kilociclos, en calidad de prueba, desde San Marcos, Cajamarca, Perú." "Ésta es Moderna, la radio que une a los pueblos del Perú". Also asking listeners to write to the studio address. "A partir de la fecha, en nuestras transmisiones de prueba, desde la provincia de San Marcos, una nueva radio a vuestro servicio, Radio Moderna." 0030 ancd it'd cut xmsn for three minutes to adjust. Back 3 mins later w/better signal, but still 10 dB less than R San Juan. Said 15 days ago they made some tests using as QTH one bakery store! But now well established in studios located in Jirón Alfonso Ugarte 331, a media cuadra de la Plaza de Armas de San Marcos. Another anmt I couldn't catch completely said they are a subsidiary of another stn or bcing company in Cajamarca city at Jirón 2 de Mayo 484, so wait for an explanation of this. Later gave name of company, Radiodifusión Sociedad Comercial de Responsabilidad Limitada, Radio Moderna desde San Marcos. Sometimes at the end signal improves to nearly 20 over 9, VG to poor condx prevailing today. During last hour of xmsn has huayno mx but most of pgming is dedicated to modern mx, ballads, etc. Begins tropical mx pgm at 0500 but ancr says it depends on availability of electricity, which is cut off at some hour. More IDs: "Ésta es la sucursal de Radio Moderna de Cajamarca, desde la Provincia de San Marcos." So this explains the anmt hrd before about another addr in Cajamarca city. However, the R Moderna in Cajamarca should be only on MW, because the only other Moderna stn in Cajamarca is in Celendín city, far away from Cajamarca city (4300 kHz). One of the more complete anmts: "A partir de la fecha, señoras y señores en todo el norte del Perú, han de recepcionarnos a través de la frecuencia de los 5270 kilociclos, en la onda corta, banda tropical. Es la sucursal de Radio Moderna de la Ciudad de Cajamarca...aumenta su...de los cielos del Perú. En este nuevo día, en este domingo 22 de julio de 1984, haciendo nuestra transmisión de prueba, directamente desde la provincia de San Marcos." Later: "Al pueblo sanmarquino en general, expresamos nuestra infinita gratitud por permitirnos ingresar a sus hogares a partir de la fecha, y a través precisamente de la frecuencia de los 5270 kilohertz." "Cabe destacar, a nuestros distinguidos oyentes que ya nos pueden estar sintonizando en las diversas latitudes de la provincia de San Marocs, y por qué no decir del departamento de Cajamarca y el Perú, que a partir de la fecha estaremos transmitiendo en calidad de prueba desde la Provincia de San Marcos, en onda corta, banda tropical, Radio Moderna, un mensaje de amistad en los cielos del Perú." "Con la denominación, con la Razón Social de: Radio Moderna, cuyo solgan es: Un mensaje de amistad en los cielos del Perú, y cuya principal queda pues en la Ciudad de Cajamarca, en el jirón 2 de Mayo 484, Plaza de Armas. A partir de la fecha, señoras y señores, oyentes nuestros de toda la provincia de San Marcos y parte del departamento de Cajamarca, han de sintonizarnos en la frecuencia de los 5270 del espectro. Moderna, la radio que unirá a los pueblos del Perú." "Ésta es Radio Moderna, desde la hermosa provincia de San Marcos. En este primer día de prueba, señoras y señores, no quisiéramos dejar por apercibida la ocasión, como para tributar nuestra infinita gratitud a las diferentes autoridades, al señor Subprefecto, así como también al señor Alcalde, al Jefe de la Benemérita Guardia Civil del Perú en la Provincia de San Marcos, de igual manera al administrador de ElectroPerú, señor Lezama, que dicho sea de paso nos ha brindado todo tipode facilidades en el día de hoy, para realizar nuestras primeras pruebas como repito desde la provincia de San Marcos, en la frecuencia de los 5270 kHz de Moderna, la radio que une a los pueblos del Perú." "En la ocasión de hoy, tenemos el grato honor de incursionar en los hogares sanmarquinos a través de este nuevo medio de comunicación que creemos indudablemente ha de contribuir al progreso de este lindo y progresista pueblo sanmarquino. En consecuencia pues, nuestra infinita gratitud a todas las personas que han colaborado con la instalación de Radio Moderna, un mensaje de amistad en los cielos del Perú, en la ciudad de San Marcos." As you can see, a lot of explanation on this first day in the air. All this gives hints about how broadcasting activity develops here in Perú. Another lengthy anmt: "Es Moderna la radio más popular en todo el norte de la patria. En la actualidad, señoras y señores, inaugurando su sucursal en la provincia de San Marcos, para beneplácito de nuestros dilectos oyentes sanmarquinos. Esperando por supuesto de que nuestra incursión en esta hermosa tierra de San Marcos, sea realmente beneficiosa desde el punto de vista informativo, cultural y musical. Gracias, muchas gracias al pueblo de San Marcos en este primer día de transmisión". Closing at 0521, announcing that this fq was assigned to them by the Instituto Nacional de Comunicación Social, in Lima, and that they would be back next day at 2300 UTC, so we'll see if they clash with R San Juan, only 800 Hz away. [more..!]

Incredibly enough, hrd 8/8 w/pgm of hindú mx, announcing it's a special pgm of mx from the Indian film "Mi familia elefante" (??), so at least a relief from the monotonous Cajamarcan huaynos (hi). With this music, I could nearly see the snake moving with the rhythm. By the way, did you know that films from India are very popular in Perú? I mean, for the popular classes. They are widely distributed here. So next time you hear Indian music on some Latin American channel, don't be confused. This was heard from 0400 to 0415

5226.7 PERÚ R Jaén, Jaén, Cajamarca, back on this apx fq, totally distorted as usual, sounding like a Soviet jammer, only marginally understandable reducing the signal by 20 dB, and tuning to the slopes of the signal. Modern ballads. Noted after nearly a month off the air. Lots of ads, so I suppose they must have a reliable MW outlet, because with this distorted and wandering SW outlet it's difficult that they could retain the ads, lots of them. Later moves upwards to 5230.7 apx, and so on. Also hrd following days in the same range

5159.4 BOLIVIA R Galaxia, Guayaramerín, Beni, now hrd here w/VG sigs as early as 2130, 27/7. Lots of ads for Guayaramerín stores and bars, restaurants, etc. Next day hrd at 2100

5122 apx BOLIVIA? tentatively, unID totally distorted, no carrier, resembling harmonic from R Nueva América, La Paz, but not sure; 15/7 2100 w/fútbol, gone at 2230

5072.9 PERÚ R San Juan de Caraz, Caraz, Ancash, first hrd here w/amazing 20 over 9 sig at first check 22/7 2230; perhaps on the air a lot of days earlier, but just today checked this relatively in-band segment! They can also provide surprises. "Mensajes musicales" format. Usual happy birthday theme too. Hrd one ID as "San Juan la radio, estamos continuando con saludos de onomástico". Also could be Parna la radio, but wait--very well mod signal! Tho sometimes w/pitch problems when playing mx, which is nonstop huayno. Later clear IDs as "San Juan la radio". Lots of them. So it's a move from 5274.3? No, at 2307 anmts for Caraz, so this is R San Juan de Caraz, not de Chota as first presumed; this explains better power, as Caraz is quite near Lima. Yesterday, R San Juan de Caraz was still on normal fq of 4898.8. Now will surely be heard elsewhere, going till 0230* This stn has some of the nicest folk mx of all Peruvian stns. Closing anmt hrd 25/7 0240: "...las 9 de la noche con 35 minutos, oyentes amigos de Radio San Juan de Caraz, de esta forma finalizamos nuestra programación radial que corresponde al día de hoy 25 de julio de 1984...music...Romera Manuiz Marisela (the female announcer speaking) se despide hasta el día de mañana, en que nuevamente retornaré...tengan Uds. muy buenas noches, y hasta mañana." Then mx and this canned very nice echostyled ID, played w/very nice Andean mx in the background -- "Transmitiendo, Radio San Juan de Caraz, onda corta, 4780 kHz, una emisora puesta a su servicio para todos los hogares, cubriendo nítidamente el departamento de Ancash, Perú. Radio San Juan de Caraz, su radio siempre nueva-a-a-a." Then a little more mx theme, and closing w/NA

5055.2 ECUADOR R Católica Nacional, Quito, first hrd 8/8, also 9/8 at about 0000 w/catholic preaching --very strong and well-modulated signal; reactivated! Hrd also following days as early as 2200 first check. Not hrd, however, Sat & Sun 11/8 & 12/8. At 2200 mx, interestingly w/Argentine ancr, very easily identifiable by his accent. Covering easily Faro del Caribe. So Católica has very good power. Announcing at 2215 that they are on 880 AM, 94.1 FM; SW not ancd. Nice melodic mx and bible pieces made up its pgming

5030.0 PERÚ R Los Andes, Huamachuco, La Libertad, hrd again here 10/8 at about 2300, gone at 0000. Also hrd as early as 2200 following days, first check, perhaps on earlier. Announcing that these days the people of Huamachuco celebrate its festivities. So this is perhaps the reason why they are now on the air evenings on this very good fq/xmtr outlet

4980.1 BOLIVIA [Cf July RIB p 34] R Batallón Topater is on this fq, not my typing mistake 4890.1

4965.8 PERÚ R La Voz de Cutervo, Cutervo, Cajamarca, closes at 0250* w/NA 28/7 to return at *1030

4914.8 PERÚ R Central, Bellavista, Huallaga, San Martín, new fq! First hrd 9/8 at 0200 check, echo-effected ads, lots of them, showing that they are very well established. After nearly a month or more of inactivity, coming back on this new fq, 30 over 9, very well mod sig; the most powerful Peruvian by far in the whole 60m band, even stronger than nearby R Ancash

4910.7 PERÚ R Libertad de Trujillo was here 5/8 2230 with fútbol, but ECUADOR Emisoras Gran Colombia was also active on 4910.9 with music, so be careful

4898.9 PERÚ R San Juan de Caraz, Caraz, Ancash, now going till 0200*, even weekdays. Heavy QRM, however from reactivated, or at least improved Venezuelan, R Juventud, Barquisimeto on 4900. Also heavy QRM as usual from R Chanchamayo on 4895.4, domonating channel. Not yet hrd in USA or Sweden? Later to 5072.9, qv [this was early July]

4849.6 COSTA RICA R Columbia, new fq, first noted here 25/7 at 0015; strong QRM from R Luz y Vida, Ecuador on 4851.2

4825.8 PERÚ R Sicuani, Sicuani, Puno, first hrd at 2330 check 27/7, heavy QRM from LV de la Selva on 4824.9, and R Grigotá, Bolivia 4828.6v At 2340, w/tentatively Quechua dialogue. Closing at 0300, but carrier remains till 0325. Next day hrd at 2100 check w/fútbol, VG sig, PANORAMA DEPORTIVO pgm till 2258, then ID as "programas fáciles, modernos, culturales, para el sur peruano --Radio Sicuani y sus modernas frecuencias, OAX7T 4835 kilociclos, banda de 60 metros onda corta y OAX7R 1365 kilociclos, banda de 225 metros, onda larga, La Voz de Canchis"

4821.9 unID LAm, perhaps Sicuani moved? First hrd very faint under heavy QRM from R LV de la Selva 4825 and R Paz y Bien, Ecuador on 5819.7, without forgetting QRM from LV Evangélica, Honduras on 4819.9 [time & date? Late July or early August]

4800.7 ECUADOR R Popular, Cuenca, new fq first noted 25/7 2330 but few minutes later in second check was totally gone. Ec mx, again at 0130 check, with QRM from R Santa Ana, Bolivia 4803.6, and R. Nueva América, La Paz 4796.5. Cumbias, no IDs; gone at 0145 check, back at 0150, more cumbias and varies to 4800.8, sometimes distorting badly, as adjusting the xmtr. Evidently testing. Hrd following days w/IDs from R Popular, so a move from 4799.7

4795.1 ECUADOR La Voz de los Caras, Bahía Caráquez, has very nice pgm of tangos at about 0200

4762.6 PERÚ R Inca del Perú, Lima, again putting very strong and well modulated spurs every 46.9 kHz. Specially strong were 4809.5 and 4715.7. Also hrd on 4856.4, 4903.3, 4950.2 and to the lower side, 4668.8, 4621.9, 4575, 4528.1, etc., etc. The first spur to each side are as strong as the fundamental. 4/8, from first check 0115 till 0300. Someone could explain why these spurs appear and disappear, and why they are so strong and well modulated?

4733.8 PERÚ R San Juan de Caraz, Caraz, Ancash, first noted here w/huaynos 3/8 at first check 2250. Missed yesterday from its last fq 5072.9, so seems to be now here, nearer its announced fq of 4780; 4/8 also, but this time going till 0430

4730.1 BOLIVIA R Mamay, or perhaps Huamay? La Paz, still hrd very irregularly, for example 9/7 from about 0100 till 0200*, generally modern mx. Name still tentative 28/7 w/vg sigs, as early as 2100, as usual, pop mx, gone at 2300 check

4727-4709, center fq around 4716.6 ECUADOR stn QRMing all this range at once w/totally distorted signal, covering by the way R Abaroa on 4718.4, was hrd, as daily, but 17/7 I could make some of it out, and found that it is La Voz de Bolívar! Reactivated, hrd ad for store in Gururaranda, so that is the location; last year erroneously reported as La Voz de Guaitas, due to distorted signal. Will check if they still have English pgm hrd last year 0130-0200. Well, at 0135 hrd instead a very reaxionary CIA-sponsored "religious" pgm called IMPACTO ESPIRITUAL, with anti-communist tirades, announcing the return of the redeemer, etc., that is, all the garbage characteristic of these CIA-backed propaganda operations. (I respect the religious faith of other people, but you know this has little to do with religion, anyway). Possibly this explains the EG pgm hrd last year? Perhaps was some pgm made by these 'missionaries'? By the way, all this purported 'religious' pgm was dedicated to politics, that is, anti-communist tirades, 30 minutes total! This is how 'missionaries' subvert the minds of the people of underdeveloped countries, covering these activities with the excuse that they spread out "the word of the Lord"?? At the end of the 'message' hrd that is made by some religious merchants w/address in Panamá

4724.3-4712.3 [earlier] still hrd daily stn totally distorted, S9, QRMing everything, 5/7 0150-0200+, strongly suspect LV de Bolívar, ECUADOR, like last year

4679.6 ECUADOR R Nacional Espejo, Quito, reactivated! First hrd at 2300 check 21/7; also 22/7

4675.0 unID Again hearing on USB after nearly a year the time stn, giving minute pips with Spanish anmts, but this time R El Mundo[Argentina] not hrd in background. Also time is now 5 minutes ahead of WWV; last year was 30 seconds advanced. Anmts in SP are in GMT. However, later check showed pips exactly 4 mins 57 secs ahead of WWV. Could someone explain this? Also hrd on the fq some English VOLMETs, as well as sounds of typewriting in the room; all this 4/8 & 5/8

4670.0 unID USB reduced carrier strong Spanish number stn with same lady hrd on so many different channels, 12/8 0210, three-number series repeated thrice, then 1 to Ø

4584.8 BOLIVIA R Litoral, Cochabamba, reactivated! Exactly after one year and 15 days from its last appearance, exactly on same fq. Hrd w/very faint signal 13/7 at 0127 first check past 0230+ but note that the solar flux was 90 and the A index 45, as reported by WWV this day

4568.7 BRAZIL R Educadora Sudacreana, Acre, hrd again 30/7 1230 check, good signals

4562.1 PERÚ R Minería, La Oroya, 3rd harmonic first hrd 22/7 2220, pop mx; also on 2nd harm 3041.4 and hrd following days

4493.5 PERÚ R Inca del Perú, Los Baños del Inca, Cajamarca, reactivated! Opening at 0000 10/7 w/ lengthy anmt read over huayno mx curtain. Later comes more huaynos but incredibly enough, now with 20 dB over 9 signal. The lengthy anmt goes: "...amables oyentes del Perú y de América, tengan todos y cada una de ustedes muy buenas noches...(music)...de esta manera comenzamos a brindarles nuestra emisión de una...frecuencia...(music)...una programación más correspondiente a este día 10 de julio de 1984...de la noche...jerarquía de Radio Inca del Perú, desde Los Baños del Inca, en Cajamarca, transmitiendo para todo el nororiente, en una frecuencia extraordinaria de "Raíces Folklóricas del Perú", que corresponde a este día (not much sense, but that's what they said). Estamos operando en la banda tropical de los 60 metros, frecuencia cuarenta y cuatro noventa y cinco kilohertz, desde sus estudios en la Avenida Manco Capac 16 (or 165?), en los Baños del Inca, Cajamarca, Perú. Ésta es una promoción de RAÍCES FOLKLÓRICAS DEL PERÚ (name of program)...a las 7-30, la nueva frecuencia...del norte peruano...(music) ..de 7 de la mañana a 7 de la noche, en las ondas de amplitud modulada (meaning MW). De las 7 hasta las 10 de la noche, próximamente, onda corta, banda tropical, por los 44-95 kilociclos, banda

de 60 metros." Later announces again name of pgm and begins huaynos pgm. 0100 caught the end of anmt mentioning that they conclude (I think) SW xmsn (because greeting listeners in faraway Peruvian countryside, followed by ID mentioning only MW), so that means they remain only on MW, closing SW at 0103, I suppose because merely testing it. Then carrier remained open about 15 mins, then switched off. Also hrd before IDs as "La señal folklórica del norte". Note that the stn w/same name in Lima also IDs as "la señal folklórica" so this is a very clear example of illegal theft of name and slogan of one stn by another. Varying to 4493.3; echo-styled anmts.

4271.1 ECUADOR Radiodifusora Gonzanamá, Cantón Gonzanamá, Loja, reactivated! First hrd again after several months, 7/7. Miguel Ángel Mendieta is director and ancr of stn, as ancd before news begins at 0148; another ancr is Mauricio Pacheco

4195.8 BOLIVIA R Santa Rosa, Yacuma, first hrd w/Paraguayan harp mx, vy nice; 0200 ID, then Bolivian mx; at first thought it was R Santa Rita. Lots of IDs, each song preceded by same canned ID. Perhaps located near R Movima in Santa Ana de Yacuma? All this 9/7, from about 0145 to 0238*. Clear and well-mod sig, tho very faint as usual with Bolivians this time of year. Pretty sure it's a fundamental. 0211 hrd different ID: "Para todo el oriente boliviano, desde el corazón del río de...transmite Radio Santa Rosa, desde Yacuma, capital de..." On 4195.9, this rare stn in Beni hrd as early as 2200 w/lots of canned echo-IDs, as "Radio Santa Rosaaaa, desde Yacuma". Very nice mx, too. 15/7 2335 hrd ID: "...te damos la hora en nuestro estudio, 19 horas, 35 minutos, transmite Radio Santa Rosa en forma experimental, en 4196 kHz, banda de 60 metros, onda corta." So not Santa Rita; the echo-effect canned ID made me mistake it. Note they are very close to where they think they are, 4196. Surely will be heard all over the world, because signal tho very low is very clear and well modulated, no QRM on channel. Great catch! Hrd Sundays (UTC Mondays) till 0245*; hrd *0020 16/7 w/10 dB over 9 signal; Argentine music. Here is full ID, hrd 10/7 during a pgm of very nice Argentine mx: "Para todo el oriente boliviano, y el exterior, desde el corazón latinoamericano, transmite Radio Santa Rosa, desde Yacuma, La Voz del Oriente Boliviano. Una voz orgullosa para Bolivia, y los bolivianos, y para el resto del mundo..." All this enmeshed in nice Bolivian mx, a canned female ID. 16/7 they were 10 over 9 here. Bol mx played underneath is on harp. Sometimes they play a reduced version of this ID. Seems that Bol stns also are blossoming! 2330-0000 has PEDIDOS MUSICALES. Remember that they announce 4196 kcs, "60 metros"

3955.7 PERÚ R Quiruvilca, Quiruvilca, La Libertad, apx fq, now in this range 15/7 0030. This is the old R Huamachuco, that has now moved its studios to this mining center between Huamachuco and Trujillo cities. Announcing "3950 kilociclos". However, varying between 3956 and 3954; another day down to 3935. Back in Dec 1983, Ralph W Perry received a verie from R Huamachuco, in which they said in the near future they'd be moving to this mining center, leaving in Huamachuco city only a MW xmtr. Now, 7 months later, they have moved as planned. Some IDs: "Es Radio Quiruvilca, transmitiendo a nivel nacional". Hrd till 0300* Sun & Mon UTC. Some slogans: "Radio Quiruvilca, la pionera". Announcing back next day at 1000. Closing w/a military march, not national anthem. This march is related to the battle of Huamachuco, one of the most important ones the Peruvian people fought with Chilean invaders, last century

3930.0 CABO VERDE R Voz de São Vicente hrd here 7/7 from 2340 till closing w/anthem at 0000; then 3 musical notes and off. Before a full ID "..a voz de São Vicente...no estremo da Africa ocidental, em ondas curtas e freqüência modulada; estimados ouvintes, chegamos ao final de nossos trabalhos de hoje em sintonia...(musical pause)...da Emissora Oficial, Práia," so possibly telling listeners to switch to the other stn? They were formerly on 3930.6

3360.1 GUATEMALA La Voz de Nahualá, noted w/incredible 10 over 9 sig 14/7 0150, cumbias and later marimba mx. First time hrd w/this amazing signal here. Name of pgm : SALUDO MUSICAL DE NUESTRA TIERRA. Some local dialect along with Spanish anmts

3250.3 PERÚ R Qollasuyo, Juliaca, Puno, reactivated! After years, back on the air, first hrd 27/7 at 2355 when I first checked 90mb. IDs as "Qollasuyo radio, tu amiga compañía"

3184.0 unID Broadcasting feeder, Mayak pgm on USB (A3J). QRMing the two nearby Peruvians, R Inca del Peru, unknown QTH on 3183.1, and R Universal, San Marcos, Cajamarca, on 3182.6. Hrd when searching for ID and QTH of R Inca, 8/7 at 0030. Someone ever hrd this Soviet feeder in the 90 mb? Another stn QRMing the area is the 2nd harmonic of R Agricultura, Lima, very strong on 3180.2. The Soviet Mayak feeder heard till 0300

2500.0 BOLIVIA R Frontera, Cobija, hrd closing with full ID 9/8 at 0243; harmonic?

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LISTENER INSIGHTS on PROGRAMMING

A R G E N T I N A (Juan Carlos Codina, Lima, Perú) I have never given insights about the content of programming on Radio Nacional de Buenos Aires, or any Argentine radio, because in my experience North Americans don't care much about the high level of our culture, our music and our programs. But of course, I spend nearly 50% of my listening time on my country, because it's impossible for an Argentine having the opportunity, to do anything but listen to a station reflecting the culture and standards of Argentina. I am talking about the domestic shortwave stations, not RAE, which is really tire some. When Radio El Mundo was on shortwave, it had the best shortwave programs of all--for my taste of course--and I listened to them daily when in Tokyo, from 0300 till 1100 UTC, first on 11755, and from 0900 on 6120, with the nicest tango and talk programs ever heard, at 0300-0900, then folkloric music. Then at 1000, a very good news program till 1100 or sometimes 1200. By the way, this program once interviewed me by phone in Tokyo, about my experiences as a listener to Argentine radio on the other side of the globe. When Radio El Mundo left shortwave due to its privatization--a pity, in my opinion--I switched immediately to Radio Nacional, taping 6 hours of it overnight instead, so I can still sleep at night! The Radio Nacional program TRASNOCHE is very nice indeed, with the following format. They open at 0300 UTC, and until 0800 they run a musical-interview program, with sexions devoted to jazz, folk, latin music, tango, classical, etc., and interviews with figures from the vast Argentine cultural movement, the most important in all the hemisphere, by far. At 0800 they begin reading headlines, and sometimes the content from Buenos Aires newspapers, already on the street at that time. This goes until 0815, 0820, 0825, or even 0830, depending on the amount of news read, and then begins the tango program SIMPLEMENTE TANGOS, till 0900--non stop tangos, except for a micro-program in the middle, RECUADROS PORTEÑOS, made by poet and writer Alfredo de la Fuente, with evocations of the old Buenos Aires, history of the great tango artists, history of some parts of Bs As, etc. Also in the tango segment are included some short segments of headlines from the Bs As newspapers. Another headline reading begins at 0900 until 0912 or 0915, when FOLKLORE EN 870 begins, until 1000 (870 is the MW frequency of R Nacional). The TRASNOCHE program, then, goes only until 0900; the ones after that are part of LA MAÑANA POR RADIO NACIONAL, including folk, news, etc. The conductor and producer of TRASNOCHE is Guillermo Fuentes Rey; he is at the mic till 0800 when several people take over for the headlines, Eduardo Garrido, José María Espinocca, and Rubén Saponara (they also read news in the 0300-0800 period). I know that gh appreciates the quality of my country's radio, and perhaps with this information others will begin to know a little more about Argentina and all the good things in it --by the way, frequencies are: 0300-0500 on 6060, 6120, 15290; 0500-0700 on 6060, 6120, 9690, 9710; 0700-0900 on 6060, 9690, 9710; 0900-1000 on 6060, 6120, 9690; as of July 21.

A U S T R A L I A (Patrick McDonald, Dural NSW) The recent survey was extremely interesting and I am glad R Australia was vindicated by its listeners after somewhat unwarranted (I think) rough treatment by RIB and its writers-in. As stations go, I find it responsive and interesting--and Barry and Brian always write me personal replies. How many other stations do that?

(Erich Schulman, Oak Ridge TN) Thanks to those who said R Australia's announcers and FOUR CORNERS are listenable--they are. It's about all that makes my FRG-7 keep going to 9580 in the morning. As a matter of fact, Dick Paterson was and is one of my all-time favourites. RA's presenters have a lot of potential, all right, but the station's managers won't let them realise that potential, and hence RA's continued degradation where programmes are concerned. A few months ago, I sent a long letter to RA. Here's an excerpt from Barry Seeber's reply:

> "Thank you for your recent letter carrying comments on our music and programs. I passed on a photoshot to the Head of English...programs. Your comments are most pertinent. We announcers have been through a very frustrating year. The number of complaining letters have had a very depressing effect on us. We have, of course, been passing them on to the decision-makers and hope they can remedy the situation soon."

It's really not so much the people on the air, but those who consistently make some pretty stupid decisions. How would RA have done in the last RIB survey had they not so kindly dumped Dick Speekman, the North American Service, etc.? I guess we'll never know.

(Mark L Williams, Grant City MO) To echo a popular complaint, R Australia's shortwave service, except for news-related programs, is a real drag. Gone are the 'bounce' and regionally flavored programs which have been replaced, mostly, by the "down under juke-box". No wonder RA has pulled in its horns. The shortwave regionals are so much more interesting.

C A N A D A (Ian McFarland, RCI) Some RCI African Service program previews for Sept--BOOK TIME, Fridays at 1900 has installments 8-11 of Québec writer Michel Tremblay's readings from his novel "Thérèse & Pierrette and the Little Hanging Angel." CANADA A LA CARTE, Sats 1800, Sept 15, 22 and 29 examines water resources and the forest industry; also each week a survey of the Canadian pop music scene, OFF THE RECORD with Lorne Saxberg; and HOT OFF THE STREETS. SPOTLIGHT ON SCIENCE, Suns 1800 during BONSOIR AFRICA, repeated Thurs 1900: Sept. 16 & 23, Canada's 300 million dollar Radarsat project, scheduled for 1990 launch, remote sensing to possiblize yearound navigation of Northwest Passage.

(gh) From CBC's RADIO GUIDE, a look at some CBC programming the last week of September--VOICE OF THE PIONEER, heard at various times on Sunday mornings, but around 1210 the last time I checked on the Northern Service, 6065, Sept. 23, Alfred Miller, the man who discovered copper in the Gaspé Peninsula. Miller was a farmer-fisherman-lumberman who did a little prospecting on the side. His 1921 discovery wasn't developed until 1955 because nobody would take the worth of his find seriously. Since that time Miller's discovery has put the name Gaspé on the mineral maps of the world. Sept. 30, John Pultz --born in 1889 and when his parents left North Dakota to take a homestead of 160 acres in the Rainy River district of Ontario, he was 14 years old, one of 10 children. The family wealth consisted of $2.50, enough to file on their homestead claim which was covered with trees...and they didn't even own an axe. Times were tough, but the family survived and grew to love their new homeland.

BOOKTIME, Mon-Fri at 10:17 pm local, not on SW, for two weeks starting Sept. 24 has veteran newsman Charles Lynch reading from his best-selling autobiography, You Can't Print THAT!

IDEAS at 9:05 pm winds up repeat series; Mon. 24, Space Exploration: The Dream and the Reality; Tue. 25, The Cult of the Body: Appearance; Wed. 26, Telematics: Information Technology and Communication: User-Machine Interaxions; Thu. 27, Propaganda: in History.

I have previously recommended the CBC French network for its variety of good music, including all-night classical on CJBC-860 Toronto, audible over much of eastern North America, and perhaps also on CBF-690 Montréal, but it's been extremely difficult getting a program schedule out of them. Finally, here is the CJBC Summer 1984 schedule, night portion:

18h00	RADIO-JOURNAL					18h00	RADIO-JOURNAL	RADIO-JOURNAL	18h00
18h04	AUTOPUBLICITÉ					18h10	NOUVELLES DU SPORT	NOUVELLES DU SPORT	18h10
18h05	PRÉSENT À L'ÉCOUTE								
18h40	D'UN SOLEIL À L'AUTRE					18h15	À TOUR DE RÔLE	DIALOGUE	18h15
18h59	AUTOPUBLICITÉ								
19h00	RADIO-JOURNAL					19h00	RADIO-JOURNAL	RADIO-JOURNAL	19h00
19h04	SEPT HEURES, BONHOMME					19h03	ZIGZAG	FOLKLORE	19h03
19h59	AUTOPUBLICITÉ								
20h00	RADIO-JOURNAL					20h00	RADIO-JOURNAL	RADIO-JOURNAL	20h00
20h04	SEPT HEURES, BONHOMME					20h03	ZIGZAG	LES GRANDS CONCERTS	20h03
21h00	RADIO-JOURNAL					21h00	RADIO-JOURNAL		
21h04	SEPT HEURES, BONHOMME					21h03	ZIGZAG	AUTOPUBLICITÉ	21h29
21h59	AUTOPUBLICITÉ								
22h00	RADIO-JOURNAL					22h00	RADIO-JOURNAL		
22h15	SPORT & LITTÉRATURE	MÉLODIES	L'ESPIONNAGE	DOCUMENTS	LES PETITS MÉTIERS	22h03	ZIGZAG	ORCHESTRES CANADIENS	21h30
22h45	CARTIER & LE FLEUVE	CHARLES TRENET RACONTE	LES JEUNES ARTISTES	BANC D'ESSAI	RÉCITAL	23h00	RADIO-JOURNAL	RADIO-JOURNAL	23h00
23h15		DE MÉMOIRE D'HOMME	LES MUSÉES RÉGIONAUX	PETITE HISTOIRE DU BLUES	THÉRAPIES NOUVELLES	23h10	ICI VANCOUVER	ORCHESTRES SYMPHONIQUES	23h10
23h45	JOURNAL INTIME					23h55	NOUVELLES DU SPORT		
00h15	RADIO-JOURNAL					24h00	RADIO-JOURNAL		
00h19	NOUVELLES DU SPORT					00h03	ICI VANCOUVER	NOUVELLES DU SPORT	01h06
00h24	RÉFLEXIONS					01h00	RADIO-JOURNAL	RADIO-JOURNAL	01h11
00h29	MUSIQUES DE NUIT					01h03	RÉFLEXIONS	RÉFLEXIONS	01h14
						01h08	MUSIQUES DE NUIT	MUSIQUES DE NUIT	01h19

PROVENANCE: PRODUCTIONS DE CJBC ■ PARTICIPATIONS DE CJBC AU RÉSEAU ■ RÉSEAU □

(Sheldon Harvey, Greenfield Park, PQ, August CIDX Messenger) A few months ago I mentioned that CFCX Shortwave, 6005 kHz all night DJ Janet Torge was going to start a call-in night about once a month dedicated to listeners on shortwave. Well, cancel that idea. Janet was fired from CFCX last month, for no apparent reason. CFCF in Montréal which is relayed on CFCX has a habit of doing things such as this without reason and it shows in their ratings positions. Anyway it sounded like a good idea. Good luck to Janet wherever she may be.

C H I N A (via Radio Beijing) A special series started Sept. 1, NEW CHINA -- 35 YEARS. That date was a Saturday, but apparently the series is on different unspecified days. Some of the later topics, perhaps occurring toward the end of September: The Steel Industry in Focus: the oldest and the newest steel plant; Special Musical Series: Sunday's Music Album: Famous Chinese Singers and Musicians; Saturday's Music from China: Best Musical Compositions of the past 35 Years. PROFILE: introducing makers and builders of New China. Sept 30: 34 Years in Retrospect. Song of the Chinese Revolution--a song & dance epic. LISTENERS' LETTERBOX Sept 23 & 25: Holidays and festivals during a year in China; China fights against pollution; the most favorable flowers in China.

We are pleased to announce that Radio Beijing will be putting on three special series for the 35th anniversary of the founding of the People's Republic of China which falls on October 1, 1984. They are a series on the history of modern China leading to the founding of the People's Republic (scheduled to start on August 5), a month-long special anniversary series with a daily program on every aspect of life in China (scheduled for September) and a series of 12 programs on *Culture in China* featuring 12 prominent contemporary artists of the traditional school of painting (scheduled to begin on October 4). And to help you follow this latter series, we have prepared a brochure carrying photo reproductions of 12 paintings, one by each of the painters. We are enclosing a copy for you as an anniversary gift from Radio Beijing.

The "Masterpieces" folder referred to at left is indeed very nice, full-color printing. If you're not on the mailing list, write for one, and hope also to receive a 1985 calendar from Radio Beijing. The folder also portrays nine RB announcers, unnamed, presumably of the English language section.

Radio Beijing Features for October

Mon 1 - ACTUALITY REPORT on the National Day Celebrations in Beijing

Thu 4 - CULTURE IN CHINA--"Contemporary Chinese Artists" Part 1: Master Painter Qi Baishi

Fri 5 - PROFILE--Yuan Weiming, coach of the Olympic champion women's volleyball team

Sat 6 - MUSIC FROM CHINA--the piano concerto 'Mountain Forests"

Sun 7 - LISTENERS' LETTERBOX--who are the popular actors and actresses in China? What is the population of Muslims in China? Which Western operas are enjoyed in China?[+Tue]

Tue 9 - TRAVEL TALK--An American visits Shanghai, the largest industrial city in China

Thu 11 - CHINA IN CONSTRUXION--swiftly developing food industry; CULTURE IN CHINA--Peking Opera "Mu Guiying Smashes an Enemy Battle Formation"

Fri 12 - THE LAND & THE PEOPLE--Tibet gets help from all sides

Sun 14 - CHINA ANTHOLOGY--Zhan Tianyou, a pioneer in railway construxion; LISTENERS' LETTERBOX--railways and railway construxion in China; photography and photographic equipment of China; the first rocket invented here

Tue 16 - TRAVEL TALK--the stone engravings in Dazu, Sichuan Province

Thu 18 - CULTURE IN CHINA--training virtuosos in traditional music: Visit to the China Conservatory of Music

Fri 19 - PROFILE--Zhang Jieshi, director of a clothing factory

Sat 20 - MUSIC FROM CHINA: a collexion of traditional Chinese music, classical to modern

Sun 21 - LISTENERS' LETTERBOX--computers manufactured and used in China; history of the magnetic compass; the biggest forest in China

Thu 25 - CULTURE IN CHINA--the Central Conservatory of Music

Fri 26 - THE LAND & THE PEOPLE--Xinjiang, land of promise; LISTENERS CALLING--a fortnightly listeners' participation program

Sun 28 - CHINA ANTHOLOGY--The Epic Long March; LISTENERS' LETTERBOX--violin concerto "The Butterfly Lovers" and its composer

[fall fq changes if any haven't reached us yet--1100 on 15520, 1200 on 15520 & 11650; 0000, 0100, 0200, 0300 and 0400 UTC on two or three of: 17795, 15520, 15385 kHz presumably still in effect; 15520 best]

C U B A & non-C U B A (sked below via Andy Jordan, MI, July 30)

CID MIAMI OFFICE
10020 SW 37th Terrace
Miami, FL 33165
Hüber Matos Benitez
Secretary General

CID WASHINGTON OFFICE
927 15th St., NW
Suite 903-5
Washington, D.C. 20005
202/638-6691

CID CHICAGO OFFICE
P.O. Box 60226
Chicago, IL 60626
312/522-1877
Dr. Miguel Remón

To make Castro's jamming an impossible task CID's goal is to broadcast from ten radio stations with a total effective power of 2 megawatts.

Cost of this project is 3.5 million dollars for equipment and installation, the yearly operational expenses are $750,000.

We defend the same values that you share.

We are dedicated to the struggle against our common enemy.

We need your support.

CUBA INDEPENDIENTE Y DEMOCRATICA

RADIO STATIONS	FREQUENCY	METERS	DAILY HOURS	TIME SCHEDULE (Eastern Standard Time)
Camilo Cienfuegos	10040	31	24	12:01 am to 12:00 pm
Radio Clarín	11700	25	10	12:00 pm to 10:00 pm
Máximo Gómez	11680	25	8	8:00 am to 4:00 pm
Antonio Guiteras	7352	40	2	8:00 pm to 10:00 pm
José A. Echeverría	7465	40	7	5:00 pm to 12:00 pm
Antonio Maceo	4980	60	½	8:00 pm to 8:30 pm
Frank País	7410	40	4	8:00 pm to 12:00 am

(George Zeller, Ashland OH) I was surprized to get an unsolicited phone call from a VOA engineer who had read my speculations about La Voz del CID in previous RIB. He said that neither Bethany nor Greenville broadcasts CID; if they did, it would be publicly available knowledge as the sites are open to the public for tours. Gerry Dexter in CGN stated that the 10040 CID service was using 800 kW, but is it likely that such a transmitter in Central America would only put an S2-S6 signal into Ohio at 1700 UTC?

gh: See the New York Times, Aug. 5 (page 14 in main edition, page 10 in Y=national edition) for "Cuba Enlivens Radio as U.S. Prepares a Challenge" (via Jerry Berg, MA, and Molly Blake, Ont)

C H I L E (Mark L Williams, Grant City MO) A wide range of music can be heard on R Nacional de Chile, Santiago, on 15140 beginning around 0100, or even before. Lately [July 19], it seems a commercial blitz for the Bank of Chile has been launched as spots for that institution may be heard quite often

J A P A N (Grant Lochmiller, Denison IA) I have been enjoying NSB's weekly non-political variety program in English-Japanese which is on Sundays at 1630-1700 on 9595, propagation permitting. The program is hosted by a delightful young lady who changes from English to Japanese and vice versa very easily and presents information mainly for Asian businessmen and students interested in Japan; and Americans looking for an alternative to Radio Japan. I haven't seen any program guide for this station, so this is the topic order of ASIAN EXTRA from NSB, starting at 1630: WEEKLY TOPIC: "Comings and goings of Asian celebrities". MUSIC & VERSE: "Asian songs popular in Japan and Japanese songs popular in other Asian countries". SAY IT IN JAPANESE: "A five minute Japanese lesson of business jargon and Japanese customs". JAPAN AS I SEE IT: "Interviews with Asian students studying in Japan". LETTERS & MUSICAL REQUESTS. EXPRESS PROGRAM: "If you have a friend in Singapore, Hong Kong or the U.S., send a message to NSB and they will mail it to them via Express Mail." by which time it is 1700. [What's that last item got to do with radio? NSB is also on 6055 and 3925, but 9595 is the only frequency likely to make it past the West Coast at that hour.]

M A L A Y S I A (via Christopher Bagge, Jr, Springfield MA) Now here's a schedule you don't often see from a station you don't often hear. Tho not directed to North America, it might be heard more if it weren't in the middle of our night. 15295 is the only frequency likely to make it, tho the 2nd harmonic of 6175, on 12350 is propagationally possible; of course, the BBC Antigua harmonic might block it until 0730. Christopher received this schedule with a QSL for his April 4 reception. Their address is: The Voice of Malaysia, Radio TV Malaysia, Angkasapuri, Kuala Lumpur (22-10), Malaysia.

THE VOICE OF MALAYSIA

kHz	mb	kHz	mb	kHz	mb
15295	19	9750	31	6175	48.5

GMT	MALAY-SIA TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
0555	1355	OPENING ANNOUNCEMENT & PROGRAMME SUMMARY						
0600	1400	N E W S						
0610	1410	R T M ORCHESTRA	WINDOW ON MALAYSIA	MALAYSIAN MUSICA	WINDOW ON MALAYSIA	POP SONGS FROM MALAYSIA	MALAYSIAN ENTERTAINERS	WINDOW ON MALAYSIA
0615	1415		IT'S ALL YOURS (Request Programme)		THE BEST SELLERS			LIVE PERFORMANCE
0630	1430	MALAYSIAN SPEAKS		CURRENT AFFAIRS		MUSIC FROM THE MOVIES	BAND OF THE WEEK	
0645	1445	COUNTRY MUSIC		JUST JAZZ	MALAYSIA TODAY	VISITORS BOOK	SPORTS ROUND-UP	MALAYSIAN DIARY
0700	1500	EXTRACTS FROM THE EDITORIALS					THE UNFORGET-TABLES	THE CLASSICS
0703	1505	MOVIE MAGAZINE	MALAYSIAN FOLK MELODIES	STRICTLY INSTRUMENTAL	FAVOURITES OF YESTERYEAR (Request Programme)	ORCHESTRAL SELECTIONS		
0715	1515							
0730	1530	VARIETY FARE	SPORTSCOPE	VOICES IN HARMONY		GUEST STAR	MALAYSIAN THEATRE	
0745	1545		LATIN QUARTER			TALK ON ISLAM		COMPOSER OF THE WEEK
0800	1600	N E W S						
0810	1610	N E W S C O M M E N T A R Y					DOWN YOUR WAY	DISCORAMA
0815	1615	EXTRACTS FROM THE EDITORIALS						
0825	1625	C L O S E D O W N						

N E T H E R L A N D S (via Tom Gavaras, and WDXC Contact) Replacing MEDIA NETWORK thru Oct. 18 is a repeat of the 6-part "ultimate parody on international broadcasting," THE HITCH-HIKERS GUIDE TO DXing, Thursdays + GMT Fridays. On Mondays + GMT Tuesdays, a 13-part series thru the end of October, a "widely acclaimed series on the history of the motor car," THE DEVIL ON WHEELS. "10 of the best" competition: REPORT will be organising a listener competition in October aimed at testing your knowledge of the ten member countries in the EEC. It is hoped that the prizes will reflect the different cultures of the members. The competition will start on the tenth day of the tenth month, namely, Wednesday Oct 10. Announcements as to rules will be made 14 days [sic] in all feature programmes produced by the English Sexion.

N E W Z E A L A N D (Mark L Williams, Grant City MO) Philip Liner (sp?) and ROUNDABOUT program have been featuring a tour of Canada apparently recorded quite early this summer. It seems that the NZBC can foot the bill for this while the shortwave produxion arm has been chopped off.

(David Lange, Prime Minister, Wellington, Aug. 15 reply to Bruce Tindall, Chapel Hill NC, who had expressed hope that after the NZ elexions the new government would improve RNZ's external service)

Thank you for your letter of 23 July in which you raise the question of the improvement of the international service of Radio New Zealand. Let me assure you that it is this Government's policy to address this problem at an early date. In fact, the Minister of Broadcasting, Hon Jonathan Hunt, has already called for a report on the whole matter from the Broadcasting Corporation. I might also add that the Labour Government is, as a matter of urgency, establishing a Royal Commission on the Future of Broadcasting and Telecommunications in New Zealand. This Commission will have wide-ranging terms of reference, and will include the question of New Zealand's external broadcasting services.

(Scott Nelson, Parshall ND) I have been enjoying fair to good reception of Radio New Zealand for the past couple of evenings [undated] from 0345 to 0600 GMT on 11960 kHz. The programming and music are great. I really love this station! [But not any more, as Arthur Cushen reports the S84 schedule revised to: 1800-1215 on 15485; 1800-0800 on 17705, 0800-1215 on 11960]

N O R W A Y (Scott Nelson, Parshall ND) On July 15 I tuned in to 15205 at GMT 1705 to find a program about holidays and vacations in Norway. Apparently they have more holidays and days off in Norway than they know what to do with. I only wish the quality of reception was better. Oh well, it was still enjoyable. [Grant Lochmiller provides R Norway's initial S84 schedule, from which I extract only the North American frequencies for English half hours on Sundays & GMT Mondays: 1300 17840, 1600 15220, 1700 & 1900 15205, 2200 9645, 0000 9525, 0400 9730, 0500 9555; subject to change]

T A I W A N (Erich Schulman, Oak Ridge TN) Voice of Free China has been heard on 11970, the 2nd harmonic of WYFR on 5985. VOFC has been running a contest until Sept. 30; they wish to receive tapes and essays with imitations of famous people. One tape and one essay will be the winning entries chosen by VOFC staff not in the English service. These details (and no others) mentioned irregularly just preceding the news in the English transmissions. I suggest writing to VOFC for more info.

(Sept ASWLC) VOFC is conducting a talent contest this month, divided into two groups The first group includes entries on tape demonstrating a certain talent. Anything goes! From imitations of animals or favorite superstars to song and recitation. The second group includes demonstration of a certain talent on paper. It may be a drawing or an essay. Entries must be in [Taiwan, or the mail?] by September 30, 1984. Please indicate on the envelope that it is a talent contest entry. Trophies will be awarded to the top three winners in each category. Send to VOFC, English Sexion, Taipei, Taiwan.

T U R K E Y (gh) Voice of Turkey sends this schedule of "4th Term" (Oct-Dec 1984) feature programs in English: Mon DID YOU KNOW THAT? CULTURE & ART, TURKISH CITADELS WITH RELATED STORIES. Tue ANATOLIA, LAND OF GODS; MUSIC. Wed LETTER BOX, TURKISH MUSIC. Thu TURKEY, LAND FOR INVESTMENTS; TURKISH MOSQUES WITH RELATED STORIES. Fri ATATÜRK, INTERESTING CAVES IN TURKEY. Sat NEWSREEL, DX CORNER. Sun ARMENIAN FILE/MUSIC [I assume that does not mean ARMENIAN-MUSIC! Presumably still at 2200 & 0300 to North America on 11755 as on sked? Tho Sweden Calling DXers Sept 11 says 9660]

U S A (via Charles George, Dallas TX) Imminent SW stn KCBI provides this prospectus on its Programming --There is a tremendous international mystique surrounding Texas, and in particular Dallas, due in large part to the internationally successful television program DALLAS, and the success of the Dallas Cowboys. This new phenomenon, along with the association of Texas with the "old west " has created a fascination around the world that will create immediate interest in a shortwave signal originating in and speaking about Dallas, Texas, USA. The primary purpose of KCBI-International will be to broadcast the Christian message of Salvation and the democratic ideal of a free people living and working in a free society. The format of each segment of programming will be designed so as to secure an audience without sacrificing the ability to embed these principles within the content. Our plans are to include some live music with Texas flavor, such as country music. Comedy shows and a drama series, along with feature interviews with many of these artists and entertainers, will eventually be a part of our daily offering. The export of unique American music can be an effective tool for evangelism. Securing an audience through research and professional programming will be one of our goals. In addition to live programs and those produced by CCBS, a careful selexion of syndicated religious programs will be used to round out the station's fare. Upon a decision of the target countries for the broadcast, the enlistment of established organizations offering various language services and programs will augment the stations' resources Unlike other international shortwave stations with similar missions, we will have a unique balance of entertainment, information, select syndicated programs and foreign language broadcasts.

(gh) WRNO cancelled Radio Earth as of Sept. 10; RE maintains this is a breach of contract--write them for details at 1724 Sherman Ave, Evanston IL 60201. A temporary return to Radio Clarín, 11700 kHz, was to commence Sept. 17 around 0200-0300 with Jeff White & Rudy Espinal live in Santo Domingo.

W M L K—International Shortwave Radio

Here at Bethel and throughout the brotherhood, we are all excited about the current progress of the construction of the shortwave radio station. Almighty Yahweh has led us in the direction of reserving the call letters WMLK. The consonants WMLK in Hebrew stand for the word *mal'ak*, meaning "messenger," but additionally, they also can stand for the word *melek*, meaning "King." This is the message to be preached over this radio station: that Yahshua the Messiah is coming soon to establish the Kingdom of Yahweh on this earth.

Recently, we were thrilled to note the listing of WMLK Radio in the Deutsche Welle West German Radio Co-ordinated Frequency Schedule. This published schedule lists the temporary time slots assigned to WMLK Radio for testing our equipment. We can broadcast at various times within the schedule as necessary to test the equipment. Later, we will be broadcasting on a regular schedule.

Our assigned frequencies at the present moment are 15.250, broadcasting at 2200-2400 hours, Greenwich Mean Time (GMT). On 15.110, we are assigned to broadcast at 1700-1900 hours, Greenwich Mean Time (GMT). Should you have a shortwave receiver, and plan to listen at those various times, you might tune in your radio and see if you can pick up the broadcast anywhere in America. Let us know if you do. We should be broadcasting on those frequencies fairly regularly sometime in July, or the beginning of August. You will be hearing more about the progress of the shortwave broadcast ministry in our monthly publications.

Incidentally, if you would like to receive a cassette tape recording of the first radio broadcast ever aired over the radio station, it is now available at a cost of $2.00. This historic broadcast was made during the Feast of Unleavened Bread, April 22, 1984. It was a test made with only low power, but tape recorded by one of the brethren here at Bethel right off the air. If you would like to mark the appropriate box on the enclosed order blank, we will send you notice of the applicable times and frequencies when we begin regular broadcasting, sometime in the Fall (perhaps September or October).

(WMLK item via Floyd Jacobs, Noble OK) If you are looking for Bethel PA it's just NE of Lebanon. I checked w/ Yahweh Sept 10 and the sked at left still holds; hoped to start low-power tests Sept 27, full power by Nov 1 for 2h a day, then 4, and 8 by next spring -gh

gh: Remember that ill-fated project to set up a SW station for the 1982 Knoxville World's Fair? Behind it was Marvin Steffins of Monroe LA, and now I chanced to spot his name in a totally different context--Miami Herald Aug. 26 says he led the International Expeditions team claiming to find the site of Noah's Ark on Mt Ararat, Turkey...

gh: NDXE has been getting a lot of press, such as Billboard, Aug 11 via Dave Alpert, who thinks they must have a great press agent; also see Birmingham Post-Herald July 11, p F2 (via Benn Kobb), and Gwinnett Daily News, Lawrenceville GA, July 22 (via James Feeley, Norcross GA); and this, from The Advertiser, Montgomery AL, July 12, via Steven Lisenby, Ozark AL. Keep those clippings coming!

Opelika Resident Granted Permit

(continued from page 1D)

Daytona 24 hours, Le Mans and the Miami Grand Prix races. He said they might also broadcast the Masters golf tournament and Wimbledon tennis tournament, as well as Atlanta Braves baseball games.

Negotiations are also underway to affiliate the station with Ted Turner's Cable News Network, Norman said. He said that because of the worldwide capabilities of the Opelika station that advertisement fees would be comparable to those of the major television networks.

Norman said he is attempting to gain FCC approval for the call letters NDXE, or "In Dixie." He said sales offices will be located in New York City, Atlanta, and Daytona, Fla., but that the transmitter will be in Opelika.

The station requires "very highly sophisticated state-of-the-art transmission" equipment, Norman said, but the actual transmission tower will be only 100-feet tall. Norman said the shortwave transmitter uses a special system that will change radio frequencies five times daily to reach the night audiences in major receiving areas such as London, Paris, Ottawa, Canada, and Rio De Janero.

Norman said shortwave broadcasting is a very old form that was included on nearly all radio sets beginning in the early 1900s. He said that during the onset of World War II, however, most U.S. stations were taken over by the federal government for international broadcasts.

Private stations were not licensed by the FCC until 1982, when New Orleans' radio broadcaster Joe Costello challenged the law and was ultimately allowed to operate WRNO after four years of court deliberations.

Norman said he began investigating the potential of a shortwave station following the suggestion of Opelika's John Herbert Orr, who died recently after more than 40 years of success in the radio industry.

"My only regret is that he didn't live long enough to see this," said Norman. "I have to give him credit for this, to be honest and legitimate."

Opelika Station To Broadcast Worldwide

By CHUCK CHANDLER
Advertiser Staff Writer

OPELIKA — An Opelika resident received permission Wednesday to build a high-frequency radio station here that will broadcast to a worldwide audience of some 2 billion people by January 1985.

Opelika radio entrepreneur Dickson Norman Wednesday was granted a license by the Federal Communications Commission for an international shortwave broadcast station, only the second such license approved for a commercial station in the United States. Norman said the station in the be the first shortwave station in the world to broadcast in stereo.

"We will have the capability of covering every square inch of the globe," said Norman. "It's quite a mind-boggling thing."

Norman said he and several other local investors under the name of World Service Broadcasting have lobbied for more than a year for the license, with help from the Alabama Congressional delegation. He said the location of the station offers transmission capabilities that are not possible over much of the country and other nations.

"Alabama is 40th and 50th in a lot of things, but this gives us a chance to be a voice to the world," Norman said.

He said most radio receivers in the United States can receive only FM or AM signals, but that more than 1 billion receivers worldwide can receive shortwave radio transmissions. He said the Opelika station will take advantage of the international market to sell advertisements to large companies that sell products outside the United States.

He said most shortwave stations broadcast a "very stoic medium" referring to nationally-owned broadcasters such as "The Voice of America." Norman said his station will include all types of music, as well as a major daily broadcast of sporting events.

Norman said the station is negotiating with officials from several large auto races, including Sebring,

gh: VOA was to start a weekly DX program during the MAGAZINE SHOW, on Thursdays from Sept. 13, produced by Gene Reich (pronounced Rich). Check at 1330 on 9760, 9350; 1730 on non-African frequencies, and GMT Fri 0230--hmm, conflicting with non-MEDIA NETWORK--on 17730, 15375, 15205, 9650, 9455, 6130 and 5995. And a reminder of the monthly call=in show due to debut Sun Oct 7 at 1710 UTC; topic will be politics & govt w/Reagan maybe; in Nov., Space; Dec., The Arts. In charge of it is Gordon Gaippe.

gh: Lots of axion on the VOA expansion front. Neil T Greenidge, NY, monitored NPR ALL THINGS CONSIDERED Aug. 30 with a report that bypassing Costa Rican govt, USIS was about to get permission to set up MW relay near the Nicaraguan border, by exchanging hundreds of thousands of dollars with a CR businessmen's front set up for the purpose--one of them happens to hold unused concession for a MW frequency. Should be on by yearend; CR govt fears it will compromise their neutrality. A much longer (& earlier) story on the Greek problem is in Washington Post July 10 (via Bill Dymond & Kraig W Krist) USIA World, April 1984 reports that US & Morocco Sign Agreement for New VOA Relay Station, in Tangier, as of Mar 1 (via James J Halsema) --but can this still be on with the Libyan semi-merger? AP moved a more detailed story Aug 21 (via Bill Dymond) about VOA plans to broadcast from space. New York Times Aug 28 (via James J Halsema) reported VOA has a new chief, Eugene Pell, formerly #3, succeeding Kenneth Tomlinson, who is returning to Reader's Digest. NY Times Aug 31 (via Malcolm Kaufman, James J Halsema, and Grant Sharman) had a story "New Tenor, New Tone at the Voice of America".

Someone named Marx in Wisconsin forwarded a Foreign Policy Report from National Journal, 6/9/84, pp. 1134-1138, "Under Wick, the USIA Has a Bigger Budget, New Digs, and an Image Problem," not much new but a good summary of the issue by a respected and influential magazine. Broadcasting July 16 p. 79 gave a personal profile of Kenneth Tomlinson (via Greg Monti) USIA World, July/August (via Halsema) says VOA Names Two Officials to Radio Martí Program, Humberto Medrano and Ernesto F. Betancourt. AP Aug. 2 (via W C Clough) reported the FCC is relaxing its guidelines for compensation payments to AM radio broadcasters who experience interference from Cuba; and elsewhere it's reported that FCC has issued an 'official' list of Cuban stations to be used in interference claims. Per Cuban expert Ron Schatz this list bears little resemblance to reality. See New York Times, Aug. 30, page 2 of NY edition, p 4 of "Y"=national edition for story on RFE/RL (via Gerald Kercher and Grant Sharman)

AFRTS issued a new program schedule dated July--no major changes but lots of minor ones, as network microprograms come and go. Request a copy from AFRTS, Radio Programing Branch, 1016 N McCadden Place, Los Angeles CA 90038.

(Pacific Stars & Stripes Aug. 18 via Gerry Bishop, Clark)

U.S., Thailand sign broadcast accord

WASHINGTON (AP) — The United States and Thailand have signed an agreement providing for the establishment of a shortwave relay station in Thailand, the Voice of America has announced.

The two parties will share broadcast time at the radio station, with the VOA using the facilities to relay its broadcasts from the U.S. Thailand will be able to broadcast foreign and Thai language programs capable of reaching listeners in the Middle East, Europe and the Western Hemisphere, the announcement said.

The agreement provides for construction and installation of one 200 kilowatt shortwave transmitter, and up to six 500-kilowatt short-wave transmitters, buildings, and other support facilities. It also includes provision for the allocation of broadcast time by Thailand to the United Nations for the purpose of broadcasting U.N. programs. Construction time will take 3-to-4 years.

(Aviation Week & Space Technology Aug 27 via Bill Clough)

Martin Marietta and TRW are conducting a technical feasibility study for Voice of America on alternatives to terrestrial broadcasting into Eastern Europe. VOA is paying NASA to administer the study of a wide range of alternatives including a nuclear-powered broadcast satellite, aircraft with broadcast transmitters and balloons. Broadcasting from space at the current 3-30 MHz. HF frequencies would require massive reflectors 300-500 meter (984-1,640 ft.) in diameter or an alternative such as long wire antennas.

(New York Times, Aug 26, via Malcolm Kaufman, MA)

U.S. Plans Talks With Greece On Voice of America Stations

ATHENS, Aug. 25 (AP) — American officials say they will begin negotiations on a new agreement for operating two Voice of America radio stations that Prime Minister Andreas Papandreou has threatened to close.

An American official said Friday that the negotiations, delayed by a souring of Greek-American relations, "will last around two weeks and will be substantive."

The Voice of America relay stations transmit more than 6,000 hours of programs a month. The stations have been beaming programs to the Soviet Union and the Middle East for 20 years. They have also provided transmitters and air time for Greece's main state-run broadcasting service since 1978.

An unusual annual radio program via NPR facilities is TUNNEL HUM 1984, this year on Sunday Sept 30 live at 1500-1600 EDT on channels 11 & 12 (on the satellite); check with your local NPR station to see if they're carrying it, and if not, why not. Composer & Producer is Bonnie Barnett, (415) 550-8762. An hour of singing, live in the key of Eb, mixing input from San Francisco, New York and elsewhere.

I've been enjoying a WCAU-1210 Philadelphia midnight call-in talk show devoted to nothing but film, with "Mr. Movie," Steve Friedman, who has seen just about everything and has a phenomenal memory for details. He's normally on Sunday mornings 12:06-6 a.m. EDT, but often substitutes Saturday mornings and sometimes even other mornings. By the way, he mentioned WCAU carries NEWSMARK, the monthly CBS documentary on the Sunday morning following the last Saturday of the month, at 5:30 am.

I'm pleased to announce that we have a new editor for US-domestic AM & FM program listening information & comments, to be called something other than CLEAR CHANNELS this time. Please contribute to Kraig W Krist, 6200 Wilson Blvd, Apt 1019, Falls Church VA 22044.

Thanks to Tom Gavaras for a WCCO program schedule (830 Minneapolis); for my taste, I don't find anything of particular interest during the night hours, but Sundays at 8:50 am CT there is NORWEGIAN NOTES--in English? John Norfolk sent a copy of the magazine "Ten" from KTOK-1000 Oklahoma City showing as of last spring, a GOLDEN AGE RADIO THEATER Sat 9-10 pm CT, and Sun 6-7 pm; BIG BAND SATURDAY NIGHT at 10 11 pm. And THE COMEDY STORE, Sat & Sun afternoons. The slick 28-p magazine comes out irregularly, free to Oklahomans but with a $2.50 cover price. KTOK, P O Box 1000, Oklahoma City 73101

BROADCASTS IN ENGLISH - UPDATE

(refer to earlier issues, especially May, for schedules which may still be in effect)

BELGIUM BRT, 30 Sept-31 Dec: Mon-Fri 0715-0800 9880; Mon-Fri 1400-1445 17610 21810; Mon-Sat 1915-2000 & Sun 1910-1930 15590 5895; daily 2200-2245 9875 5895; daily 0030-0115 5910 NAm, 9925 SAm (KWK)

CANADA RCI S84: Mon-Fri 0615-0630 & 0645-0700 11825 9750 6140; Daventry 17860 15265 11775 7155. Mon-Fri 1200-1225 17820 15440 11955 11855 9650. Sun 1300-1600 17820 11955. 1537-1545 15325, and Mon-Sat 17820 21695. 1645-1700 21695 17820 15325. 1800-1830(Sat & Sun -1900) 17820 15260. 1900-1930 Mon-Fri 17820 15260 1900-1930(Sat & Sun -2000) 21695 17825 15325. 2000-2030 Mon-Fri 17825 17820 15325 11960. 2130-2200 17820 15150 11945 (Sat & Sun also 17875 15325). 2200-2300 Mon-Fri 15325 and 11960. 2200-2230 9755 5960. 2300-2330 11710 9755. 2330-2400 Sun-Fri 9755 5960. 0000-0030 9755 and 5960. 0100-0200 Tue-Sat 9755 5960. 0200-0230 9755 5960 (Sun & Mon also 15190 11845 9535). 0300-0330 9755 5960.

COOK ISLANDS The other RCI is running 24h on 11760 thru Sept; other days sign=off extended from 0900 to 1000 (Chris Martin, DX Australia) Beware of other English speaking stations on 11760; Cook is weak

EGYPT R Cairo 0200-0330 always on 9475, but parallel changes; try 9675 and 15555, listen for anmts

FRANCE A new OOB frequency for RFI at 0315-0330 & 0345-0400 is 11670, perhaps French Guiana relay

GERMANY WEST DW from Sept sked: 0100-0150 11785 9590 9565 9545 6145 6085 6040; 0500-0550 5960 6110 9545 9690 11705. 0930-1020 9650. 1500-1550 21600. 1930-2020 15150 11785 [selected xmsns & fqs]

GREECE Selected VOG S84: 0130-0140 & 0340-0350 9420 9865 11645. 1920-1930 9420 11645 15630. 2335-2345 9865 11645 (via George Poppin, CA)

GUAM KTWR S84 at 0830-1000 on 11810 ex-11840; 1500-1600 on 9815 (Cushen, RN non-MN 6/9)

ISRAEL IBA S84: 0500-0515 15585 9815 9440 9009. 1100-1130 17630 15585 12025 11655. 1800-1815 on 13720 11590 9920. 2000-2030 12028 11655 9440 9420. 2230-2300 15585 11655 9815 9440 9420. 0000-0030 & 0100-0125 11655 9815 9440. 0200-0225 9815 9440 7412.

NIGERIA VON EAf svc at 0500 may be on 11770 ex-15185; Povrzenic heard 1100 xmsn once on 15100

PAKISTAN R Pak at 0230-0245 on 7315 15150 17850; 1100-1115 on 15150 17660; 1600-1615 on 17680 15595 15580 11670 9865 (Hussein, Pak SCDX via R Earth 5/9)

SEYCHELLES FEBA S84: Sat & Sun 0400-0500 11810 15200. Sun 0727-0845 15320 17780. Daily 1500-1608 11865 15325.

SOUTH AFRICA R RSA S84: 0200-0256 9615 6010 5980. 0300-0429 9585 7270 5980 4990 3230. 0630-0730 7270 11900 15220 17780. 1100-1156 25790 21535 15220. 1300-1556 25790 15220 9585. 2100-2156 15155 11900 9585 (via Grant Lochmiller)

SWAZILAND TWR S84: 0300-0330 3240. 0430-0600 5055. 0430-0700 9725. 0530-0735 7295. 0615-0735 on 11760. 1630-1700 & 1800-1845 9830.

SWEDEN 1400-1430 17860. 2100-2130 11955. 2300-2330 9695. 0230-0300 9695 11705 17840. 0330-0400 11705 = RSI S84

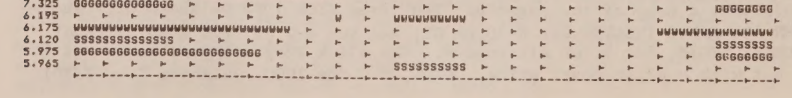
SWITZERLAND SRI S84: 0700-0730 3985 6165 9535 9560 15305. 0900-0930 9560 15305. 1315-1345 17765 15570 21520 17830 17785. 1530-1600 17830 15430 11805. 1815-1845 17850 15125 12035 9885 9535. 2145-2215 15570 12035 11910 9885 9535 6165. 0145-0215 12035 9885 9725 6135. 0430-0500 9725 12035.

U S S R R Moscow has been reported evenings on 6170; may be Havana relay ex-9600 (Norfolk, OK)

UNITED ARAB EMIRATES UAE Radio, Dubai, revised S84: 0330-0415 11730 15435 17775. 1600-1700 21605 15320 15300 (via Thomas J McKeon, IN)

U K O G B A N I BBC World Service, from October London Calling:

Canada USA Mexico Central America Caribbean Colombia Ecuador Peru Venezuela



U S A WRNO S84 (not all EG): 15-17 11965, 17-21 15420, 21-23 on 11920, 23-01 9705, 01-03 7355, 03-05 6185. Sun Also 05-07 6185, 07-09 9585 09-11 6185, 11-13 9715, 13-15 11965

KVOH Rancho Simi CA tentative D84: 14-16 on 9525, 16-22 17755, 22-24 15115 00-04 11930, 04-06 9525, 06-08 6005 (via George Jacobs)

Also see LIP for more-

FEATURES

OCTOBER

A question of life

Sue MacGregor... fictional favourites

Dad's Army

This comedy series set in wartime England proved highly popular both on radio and television. Its leading characters are members of the Home Guard, those men who for one reason or another could not join the armed forces but were formed into a part-time army for last-ditch defence in the event of an invasion.

Starring **Arthur Lowe** as Captain Mainwaring, **John le Mesurier** as Sergeant Wilson and **Clive Dunn** as Corporal Jones.

Room at the Bottom
In 1941, exactly one year after Captain Mainwaring assumed command of Walmington-on-Sea Home Guard, Brigade Headquarters discover a slight irregularity – he has never had the authority *3rd*

The King Was in His Counting-House
When a bomb falls on the strong-room of Mainwaring's bank, the platoon are set to guard the money. But first, they have to count it, down to the last penny *10th*

Is There Honey Still for Tea?
When plans for building a new airfield in the neighbourhood are announced, Captain Mainwaring and his men engage bureaucracy in a rearguard action to save Godfrey's cottage from demolition *17th*

War Dance
The enjoyment of a platoon dance, arranged by Captain Mainwaring to boost his men's morale, is spoilt when Pike announces his engagement *24th*
Weds (ex 31st) 1530 rep Thurs 0030, 1030

Haklyut's Voyages

"One of the glories of English history" is how writer and broadcaster **Derek Parker** describes this book. It was published in 1589 and contains over one and a quarter million words, so in five programmes only highlights of the *Principal Navigations, Voyages, Traffics and Discoveries of the English Nation made by Sea or Over Land* can be included.

These include Haklyut's version of the destruction of the Spanish Armada, a visit to Ivan the Terrible of Russia, and the celebrated events involving Sir Richard Grenville and the men who sailed with him in the warship *The Revenge*.

Derek Parker has carried out a major condensing job while retaining the original flavour of the writings of Richard Haklyut, a clergyman who devoted his life to recording the adventures of English explorers of the 16th century.
Sats 2100 rep Suns 0945, Tues 1445, Fris 0530

Persona Grata

Five well-known broadcasters choose fictional characters that they find particularly pleasing.

Sue MacGregor's favourites are: Major Yeates, the archetypal gullible Englishman resident in Ireland from *Experiences of an Irish RM* by Somerville and Ross; the townspeople of Columbus, Ohio, immortalized by American James Thurber in his story *The Day the Dam Broke;* and Morris Zapp trying to enjoy a night in swinging London from David Lodge's novel *Changing Places Sep 30th*

Brain of Britain chairman **Robert Robinson** chooses to talk about Twemlow, the bewildered bachelor in Dickens's *Our Mutual Friend;* Augustus Carp Esq., whose way with words turned Robert Robinson into a lifelong devotee; and the larger-than-life Captain Foulenough from *Beachcomber Oct 7th*

Humorist **Miles Kington** introduces cavalry leader and moustache-twirler Brigadier Etienne Gerard – creation of Sir Arthur Conan Doyle; a first cousin of Beachcomber – Timothy Shy – whose particular hate is music critics; and the inimitable Dan Milligan, owner of a pair of extremely thin white hairy legs *14th*

Animals dominate **John Ebdon's** selection with Saki's famous talking cat Tobermory; The Elephant's Child – full of 'satiable curiosity – from Rudyard Kipling's *Just So Stories;* and the unique and proud Toad, created by Kenneth Grahame *21st*

Classics are more in **Margaret Howard's** line, and among her favourites are a band of singers and musicians – the Mellstock Quire – from Thomas Hardy's *Under The Greenwood Tree;* there is also the exuberant Vincent Crummles in Dickens's *Nicholas Nickelby 28th*
Suns 2209 rep Mons 1445, Fris 0130, 0945

Let There Be Life

The latest advances in medical techniques mean that it is now possible to fertilise a human egg outside the womb and keep it alive in a laboratory for at least three weeks. The object is to help women who are unable to conceive babies of their own. The techniques are being increasingly widely used and with growing success. But this success poses both legal and ethical problems that concern the very nature of life itself.

John Newell examines some of the central medical and moral issues arising from 'in-vitro' fertilisation and its future development. How much can research on a human embryo benefit mankind? How do we balance the life of such an entity against the advances in scientific knowledge that research might bring? When does life itself truly begin and who is going to decide?

Among those taking part will be **Dame Mary Warnock,** who headed the recent inquiry in Britain into human fertilisation, **Ian Kennedy,** Professor of Medical Ethics at King's College, London, and **Professor Gordon Dunstan,** Emeritus Professor of Moral and Social Theology at the University of London and Chaplain to Queen Elizabeth.
Sep 30th 2330 rep Oct 1st 0630, 1515

A Princess for Today

Since becoming **Princess of Wales** in July 1981, the former Lady Diana Spencer, now just 23 years of age, has shown her determination to maintain as much normality in her life as her position will allow. She revels in the role of wife and mother and yet offers the public the touch of glamour they desire.

In this royal portrait in the *Omnibus* series, **Malcolm Billings** presents a Princess of Wales who manages to combine a fairy tale image with being a woman of her time.
9th 1615 rep 10th 0030, 0630

With Respect, Ambassador

Diplomacy can be traced back more than 5,000 years to ancient Greece, when heralds with immunity conferred on them by the god Zeus travelled as ambassadors between the warring states.

How are diplomats recruited and trained nowadays? How do they operate, at home and overseas? And is their job really necessary in the late 20th century, with electronic communication that enables heads of state to speak to each other directly? In this five-part series, **Simon Jenkins,** political editor of the magazine *The Economist,* investigates the workings of the British Foreign Office. The producer is Anne Sloman.

The Chosen Race
The prospect of being moved around the world every three or four years, with the consequent disruption of family and social life, doesn't deter many of Britain's brightest young graduates from applying for a career in the Diplomatic Service. If they are accepted, they must be prepared to spend many years doing relatively undemanding and routine work in several different countries, to gain the experience necessary for the coveted post of Ambassador or High Commissioner *Sep 29th*

A Little Patch of England
The function of the embassy staff is to represent Britain, and to encourage good relations with the host state. This task falls into three main areas – political, commercial and cultural. But does 'representing Britain' have to be done in such lavish style? Are magnificent embassy buildings, sumptuous dinner parties and Rolls Royce limousines really vital to 20th century diplomacy? *Oct 6th*

The Twin Pillars
Britain's relations with the United States and with the other members of the European Economic Community are central to British foreign policy. To be appointed Ambassador to Washington or Brussels is the highest eminence of a diplomatic career. Yet the post doesn't always go to a diplomat – often it is a political appointment.

And two-thirds of the embassy staff in Washington do not belong to the Foreign Office – they come from other departments, such as the Treasury, the Ministries of Defence and Agriculture, and the Northern Ireland Office. This is also the case in Brussels, where specialists from several departments combine their skills in the complex business of representing Britain's interests in the running of the EEC *13th*

Back at "The Office"
British Diplomats all over the world report back to London on the political situation in the country in which they are stationed. Foreign Office staff analyse these despatches and provide government ministers with the information they need for the the formation of Britain's foreign policy, and in determining Britain's reaction to world events. But what happens when there's a difference of opinion between the Foreign Office's experts and their political masters in the government? *20th*

The Diplomat's New Clothes
With the ever-increasing complexity of international affairs, is the traditional ideal of the diplomat as someone with a broad, general knowledge of the world still relevant? There is a growing tendency to employ specialist staff from home civil service departments in British embassies, so is there still the need for a separate Foreign Office? *27th*
Sats 1715 rep Weds 1000, Fris 0230

FEATURES

OCTOBER

Rights for all

A New Order for International Human Rights?

Two centuries after the American and French Revolutions proclaimed the Rights of Man, the dream of securing a basic standard of human rights for all the world's citizens remains unrealised.

Two men who regard this situation as intolerable are **Crown Prince Hassan** of Jordan and **Prince Sadruddin Aga Khan,** former UN High Commissioner for Refugees. They have set up, with funds from various bodies, an Independent Commission for International Humanitarian issues. Based in Geneva, the Commission aims to examine the problem of human rights in the world, rather as the Brandt Commission looked at North-South relations, in an atmosphere free from the polemics and political manoeuvring which usually accompanies discussion of human rights questions in the UN and its various committees.

Will this new initiative produce any practical results? **Malise Ruthven** talks to **Prince Sadruddin, Brian Walker** (the Commission's director) and various other experts in the field.
16th 1215 rep 2030, 18th 0330, 19th 0830

Party Conferences

This month it is the turn of Labour, the main opposition party, to hold their annual conference (*1st-5th*), in Blackpool on the north west coast of England. Delegates assess the party's fortunes after a year of Neil Kinnock's leadership. A week later (*9th-12th*), at the south coast resort of Brighton, the governing Conservatives end their gathering with a speech by their leader, the Prime Minister, Mrs Margaret Thatcher.

There are on-the-spot interviews and analysis from both conferences every day in *Twenty Four Hours* and *Outlook* as well as detailed examination of the main events in *People and Politics.*

Assignment

The 1984 election campaign in the United States now enters its final phase. To try and find out whether President Reagan will return to the White House or if he will be replaced by Walter Mondale, producer **Sam Younger** has been talking to two crucial voting groups. The United States is a mixture of the world's races, and the ethnic vote can go in almost any direction.

And whatever their origins most Americans live in small towns. Who will they choose as the next President of the United States? *Assignment* hopes to foretell the outcome of November's election.
Weds 2030 rep Thurs 0230, 1130, 1615

Letter from...

Prato

David Willey, the BBC's Rome correspondent travels to Prato in Tuscany, the home of Italian textiles. Cloth from Prato can be seen draped over models in any current fashion magazine – proving that what clothed the privileged of Europe for centuries still does so today *1st*

Chad

The BBC's West Africa correspondent, **Alexander Thomson,** travels into the deserts of northern Chad to meet the famous French Foreign Legion. Deployed amongst crumbling 19th century forts to fight Libyan-backed rebels in a long-running civil war, the Legionnaires find their strongest enemy is the desert itself *8th*

Shandong

The BBC's Peking correspondent, **Stephen Jessel,** visits one of the most populous provinces in China. Within its borders lies the birthplace of Confucius, and Mount Tai, the holiest of the five sacred mountains of Taoism *15th*
Mons (until 15th) 0315 rep 1630, Weds 1115, 2315

London punks – a colourful way of treating hair

Hair

You can cut it short, grow it long curl it, coil it, plait it, perm it; have it in pigtails, have it with sequins; preen it like a multicoloured cockerel or slick it back with a half pint of oil. We've all got it – except for those who haven't.

And for everyone, even for those who are bald as coots – hair matters. Why? Why do military men cut their hair so short? Why do Sikhs wear theirs under a turban? Why do Rastafarians refuse to cut their hair at all, and why do so many women (and not a few men) spend so much time and so much money pampering their natural hair into unnatural shapes?

Christopher Nicholson brushes his way into the world of hair to talk, and listen, to hairdressers, punks, soldiers, schoolboys and many others.
23rd 1215 rep 2030, 25th 0330, 26th 0830

Outlook

Studio C23 is on the fifth floor of the Centre Block of Bush House. And since the mid 1960s it has been the place where – from Monday to Friday – the magazine programme *Outlook* has been broadcast live twice a day, with a shortened third edition prepared in between the two editions.

But from Monday October 1st two of those three editions undergo changes. As part of a policy to start every hour's broadcasting in the World Service with a news bulletin or news summary, the first edition of *Outlook* is earlier – at *1400* – and opens with a summary of the latest news. The second edition is unchanged, at *1900* but the third edition now moves to *0100* – and in both cases the programme as before opens with a news summary.

"It means we shan't be so inhibited in covering major news stories", says *Outlook* editor Ian Hay-Campbell. "In the past our first edition was immediately preceded by *Radio Newsreel* and, quite rightly, they grabbed all the news plums. I'm sure our audience will enjoy this fresh approach."
Mons to Fris 1400, 1900, Tues to Sats 0100

The News

From October, World Service listeners can hear the news every hour, on the hour. News summaries complement *World News, Newsdesk* and *Radio Newsreel* to strengthen coverage of news around the clock. The only exceptions will be events which require special broadcasting time, and 90-minute plays which are featured approximately once a month.

Second Hearing

A second chance to hear some popular programmes from the past two years.

Sci-Fi Prophet

Arthur C. Clarke started adult life as an engineer with a passion for space. He has since become perhaps the world's most famous science fiction writer. He now lives in Sri Lanka, site for his most ambitious idea – a lift that runs into space *1st*

Surviving Nuclear Attack

What chances are there of surviving a nuclear attack, particularly in major cities such as London, Moscow and New York? This programme looks at nuclear defence measures taken by various countries, and tries to gauge their effectiveness against what is known about the aftermath of a nuclear explosion *8th*

Meridian: Soap Opera

In the 1930s, during the golden age of American commercial radio, the men who made soap powder hit upon the idea of sponsoring a series of short plays each afternoon to catch the attention of the housewife. In the form of a serial, the plays followed the ups and downs of the lives of a group of ordinary people. The style was pure melodrama and hence they were dubbed "soap opera".

Since those days the popularity of soap opera has spread far and wide until now it attracts more listeners around the world than any other form of drama. What's the attraction? Why do millions of people make a date with this kind of programme week after week? Some of the answers at least are supplied in this programme, first broadcast as a special edition of *Meridian,* earlier this year. The programme is presented by **Christopher Cook** *15th*

The Doctors: an Obstetrician

Much is said and written about new medical techniques, but not so much about the people who have to use them. This programme looks at the work of an obstetrician – ante-natal care, birth, infertility and common women's diseases *22nd*

Questioning the Welfare State

Medical care for the sick, pensions for the elderly, payments to the unemployed and the poorest members of society – these are features of most of the affluent countries of the world. But some politicians are beginning to question the values which led to and emanate from the creation of a welfare state. BBC World Service investigates *29th*
Mons 1830 rep Fris 0630 (ex 5th, 12th) 2330 (5th, 12th only)

LITERATURE

OCTOBER

Writer of conscience

Mrs Gaskell

Portrait of a Victorian Novelist

It was Mrs Gaskell's husband, the Reverend William Gaskell, who first suggested that she write a book. It was to help her get over the death of their baby son, William, in 1845; and it was then that she embarked upon her first novel *Mary Barton*. Her last novel, *Wives and Daughters*, was begun in 1864 when she herself was suffering from a heart condition.

It is a story of country life in early Victorian society and the setting is modelled on Knutsford, Cheshire in the north of England, where Mrs Gaskell had spent a very happy childhood. She was a writer with a strong social conscience and she wrote so powerfully about the inequalities she saw around her that her books evoked public outrage. She was much admired by Dickens, Thomas Carlyle, Charles Kingsley, Elizabeth Barrett Browning and Charlotte Brontë, who later became a great friend and whose biography Mrs Gaskell wrote. It was Dickens who persuaded her to contribute stories for his periodical *Household Words*.

Perhaps it was because she had four daughters herself that she chose the theme of *Wives and Daughters;* but by the time the novel was started she was more seriously ill than anyone realised, and in 1865, in the middle of a family tea party, she suddenly died, in mid-sentence, leaving the final passages of her novel unfinished.

Written and compiled by Barry Campbell, Narrated by **Rosalie Crutchley**, with **Thelma Whiteley** as Mrs Gaskell. Also taking part are **Angela Pleasence, Tom Wilkinson, Robert Lang, Kathryn Hurlbutt, Lillias Walker, Carole Boyd, Eileen Tully, Brett Usher** and **John Webb.** The producer is James Runcie.
21st 1915 rep 22nd 0100, 26th 1515

Wives and Daughters

by Elizabeth Gaskell

This dramatisation in 18 parts of Mrs Gaskell's last novel is set in a small country town in 19th century England, where Dr. Gibson lives with his daughter, Molly:

"Mr Gibson was a widower and seemed likely to remain so; his domestic affections were centred on little Molly, but even to her, in their most private moments, he did not give way to much expression of his feelings. He had rather a contempt for demonstrative people, arising from his medical insight into the consequences to health of uncontrolled feeling. Molly, however, had her own intuitions to guide her and grew to understand her father well and the two had the most delightful intercourse together - half banter, half seriousness, but altogether confidential friendship."

Dramatised by Barry Campbell and directed by Jane Morgan, with **Kathryn Hurlbutt** as Molly, **Tom Wilkinson** as Mr Gibson, **Robert Lang** as Squire Hamley, **Angela Pleasence** as Clare and **Thelma Whiteley** as Mrs Gaskell. Music composed by Rachel Portman.
From 28th Suns 1430 rep Tues 1030, Weds 0230

Good Books

Guest reviewers choose a favourite book. This month they include **Anne Sofer,** a leading member of the Social Democratic Party, who talks about *Ragtime* by E.L. Doctorow *Sep 30th;* **Robert Maxwell,** prominent publisher and now owner of the Mirror Group of newspapers. He has chosen a romantic novel set in the 1930s, *A Flower that's Free* by Sarah Harrison *Oct 7th;* Labour politician and member of the European Parliament **Barbara Castle,** who is particularly fond of Jane Austen's last novel, *Persuasion,* in which this author's ironic and satirical gifts are at their most withering *14th;* and **Sir Huw Wheldon,** formerly managing director of BBC Television, who likes Karen Blixen's classic and moving account of her experiences in Kenya between 1913 and 1931, *Out Of Africa 21st*
Suns 0530 rep Mons 0215, 0925, Weds 1945

Mrs Gaskell... powerful

Three Italian Writers

Paul Bailey examines the life and work of three 20th century Italian writers, with extracts read by **Benjamin Whitrow.**

Cesare Pavese (1908-1950)

Pavese was not only a novelist and a poet but also a copious translator of American and English literature - a fact reflected in his works in Italian.

He felt a moral imperative to write beautifully, but his subject matter was more concerned with the less beautiful aspects of life, such as rural poverty. The programme includes extracts from *Il Carcere* (The Political Prisoner) *Tra Donne Solo* (Among Women Only) and *La Luna e i Falo* (The Moon and The Bonfire) *Sep 30th*

Giorgio Bassani (b 1916)

The past provides this writer's best material; the past being Bassani's own experiences of the 20s, 30s and 40s in his native Ferrara where he grew up as a member of a large middle-class Jewish family. Bassani began by writing poetry but turned to prose in the 1950s with his *Cinque Storie Ferraresi* - Five Stories of Ferrara. Extracts from these are included in the programme, plus *Gli Occhiali d'Oro* (The Gold-rimmed Eyeglasses), *Il Giardino dei Finzi-Contini* (The Garden of the Finzi-Continis), *Dietro la Porta* (Behind The Door), and *L'Airone* (The Heron) *Oct 7th*

Italo Calvino (b 1928)

A prodigious writer whose work is overlaid with invention, romance and vision, Calvino's fable-like novels and short stories offer genuine moral and philosophical arguments. The programme includes extracts from *Il Visconte Dimezzato* (The Cloven Viscount), *Il Barone Rampante* (Baron in the Trees), *La Giornata D'uno Scrutatore* (The Watcher), *La Formica Argentina* (The Argentine Ant), *La Nuvola di Smog* (Smog) and *Le Citta Invisibili* (Invisible Cities) *14th*
Suns (until 14th) 1915 rep Mons 0100, Fris 1515

Words

In this series of short talks, distinguished speakers reflect on the uses of language. This month it is author and broadcaster **Ian Grimble,** who presents three programmes, and then the philosopher **Anthony Quinton,** now Baron Quinton, who is President of Trinity College, Oxford.
Suns 2225

Four Romantic Heroes

Pamela Howe presents four portraits of romantic heroes from English fiction.

Teazing, Teazing Man!

In Jane Austen's *Pride and Prejudice* **Fitzwilliam Darcy** meets and falls in love with the intelligent and lively Elizabeth Bennet. Darcy comes from a highly respected family - he has a grand house and country estate, and he is very rich. Elizabeth comes from a much more modest family - moreover she is handicapped by a mother who talks too much and commits numerous social blunders. Elizabeth's first reaction to Darcy is dislike - but he later reveals his true character *Sep 30th*

Reader, I Married Him

In Charlotte Brontë's best-known novel **Edward Fairfax Rochester,** master of Thornfield Hall, meets a young governess named *Jane Eyre*. Jane is an orphan, 18 years old, "poor and obscure, small and plain". Rochester is twenty years her senior, and has travelled the world, yet he falls in love with Jane. But their marriage ceremony is brutally interrupted by a dramatic disclosure *Oct 7th*

I Promised Myself to You...
Ever So Long Ago

Margaret Kennedy's novel *The Constant Nymph* was published in 1924, and became a sensational best-seller. Fifteen-year-old Tessa Sanger falls in love with **Lewis Dodd**. Dodd is a family friend; he is a musician, a promising young composer, but he is self-centred, and wayward in his affections. He marries Tessa's cousin Florence, but it soon becomes apparent that it's Tessa whom he really loves. His thoughtless elopement with her brings tragedy *14th*

I'm Asking You to Marry Me
You Little Fool

This must be one of the least romantic proposals in literature, when **Maxim de Winter** asks a young girl, whose name we never learn, to be his wife, in Daphne du Maurier's novel *Rebecca*. Nevertheless, the proposal is accepted, and our heroine takes up residence at Manderley. Yet Mrs de Winter isn't happy with her new life - she feels that Manderley is haunted by the memory of her husband's first wife, the beautiful, vivacious and sophisticated Rebecca *21st*
Suns (until 21st) 1430 rep Tues 0830 (2nd, 9th only), 1030 (16th, 23rd) Weds 0230 (ex 31st)

Short Story

The sayings of Sheikh Younes have become a by-word for wisdom in the Hebron Hills, but his reputation owes more than a little to an eccentric young man called Marwan, the hero of the **The Tomb of the Donkey** by Jeremy F. Jones, who lives in Jerusalem *Sep 30th*

A Lapse of Memory comes from T. Michael Lewis in Trinidad and reveals some of the unexpected pitfalls of entering for a short story competition *Oct 7th*

Marilyn Noronha has set her story **Jyoti Means Light** in a block of flats in Puné, India where the neighbours are scandalised by the 'liberated' behaviour of young Mrs Joshi. However, her presence brings comfort to one middle-aged lady *14th*

Mardith knows that on the other side of her garden wall there is a country that nobody is allowed to leave - nobody except her special visitor. **A Small Hole in the Wall** is by John Coates who lives in Berlin *21st*

In the distant future human beings can live forever, barring **Imponderables,** and that is the title of this story from Arthur Lester, an American who lives in Spain *28th*
Suns 1000 rep 2100, Tues 0130

DRAMA OCTOBER Home thoughts from abroad

PLAY OF THE WEEK

Obsession in August

by Michael Robson

It began when Lord Arthur Sackville wrote to Professor Lancelot Dulac, inviting him to his home at Leodogrance, in the west of England, to investigate an important discovery he had made. He could not tell the Professor exactly what it was – it was something he dared not confide to paper. But the strange and fearful events that took place at Leodogrance during that August of 1892 are unfolded through the correspondence of those who were involved.

Lord Sackville is played by **John Westbrook**, Professor Dulac by **Robert Morris**, Lady Helen by **Wendy Murray** and Mr Griffith by **Hugh Dickson**. Directed by David Spenser.

Sep 29th 1900 rep 30th 0100, 1200

The Second Mrs Tanqueray

by Arthur Wing Pinero

Aubrey Tanqueray withdraws from late 19th century London society to marry again. His choice is Paula Ray, a woman with a notorious past who, Aubrey believes, is very much in need of love and understanding to start a new, respectable life.

The second Mrs Tanqueray faces a formidable task. She is ostracized in the country by all and sundry, and is particuarly hurt to find that Ellean, Aubrey's daughter, is wholly antagonistic to her. But the confrontation takes an unexpected turn.

The cast is led by **Kate Binchy** as Paula, and **Terence Alexander** as Aubrey. Adapted by Manning Wilson and directed by Walter Acosta.

Oct 6th 1900 rep 7th 0100, 1200

The Old Country

by Alan Bennett

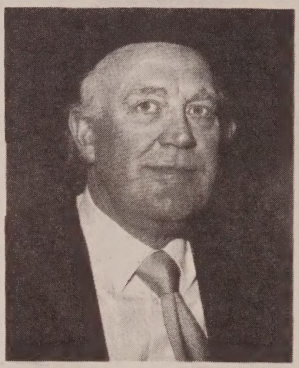
"The nice thing about Lyons was that they cropped up at such regular intervals. Rather like lavatories in that respect. I suppose one could have spent the day hopping from Lyons to lav and lav to Lyons all the way across London. If one was so minded. But not any more."

Hilary feels a fond though unsentimental nostalgia for dear old England. Lyons' tea houses, Elgar, *The Times* newspaper, John Buchan novels – these are the thing he ponders now, on the verandah of his country home, with the detachment and serenity which his age has given him. Hilary is English through and through.

But all is not quite as it seems. Hilary is not quite what he seems. There is a peculiar sense of irony in everything he says. He mocks himself as he mocks others. Even his own nostalgia might be a bitter parody. In fact the country house turns out to be a dacha outside Moscow. Hilary is in exile. A Foreign Office defector, he has been living in Russia for the last 14 years. Ironically, however, he loves the country he has betrayed.

Starring **Joss Ackland, Ursula Howells, Anthony Bate** and **Jill Bennett**, adapted by Walter Hall and directed by Martin Williamson.

13th 1900 rep 14th 0100, 1200



Joss Ackland and Jill Bennett star in *The Old Country*.

A Doll's House

by Henrik Ibsen

Torvald has kept his wife, Nora, in a cage-like home for several years. But his squirrel, his skylark, his squander-bird has a special secret. When she is threatened with blackmail by a moneylender, the whole story comes out into the open and Torvald reacts with a righteous indignation and vicious harshness that appals his wife. That is the moment when she sees her life for what it is, and although Torvald is eventually ready to pretend nothing has happened, it is too late. The doll's house has grown too small for Nora.

The realistic plays written by Ibsen between 1879 and 1899 showed how interested he was to investigate the workings of middle-class society. The first play in this group, *A Doll's House*, was written in 1879, a time when the problem of women's rights was particularly topical in Norway.

In his *Notes for a Modern Tragedy*, Ibsen himself stated: *"A woman cannot be herself in modern society. It is an exclusively male society, with laws made by men and with prosecutors and judges who assess female conduct from a male standpoint"*. It would be wrong, however, to infer from these words that Ibsen wanted to become the vociferous spokesman of women's rights. As in other major plays in this he denounces conventional morality and prejudice, forcing people to either assert their own individuality or become mere nonentities.

In this production, directed by Walter Acosta, translated by Michael Meyer and adapted by Martin Williamson, the cast is led by **Jane Lapotaire** as Nora, and **Martin Jarvis** as her husband, Torvald.

20th 1830 rep 21st 0030, 1130

The Dragon Box

by Una Flett

Everybody knows Marian's family are poor and that she came to St James's Public School For Young Ladies as a Scholarship girl. She never goes on school outings, never has music lessons or holidays; in fact Marian never mixes with the other girls at all until Lucy comes to the school.

The two girls form a strong friendship and begin to see each other regularly in the evenings. Lucy encourages Marian to take up an obvious talent for flute-playing and even try for a part in the school play. It suddenly seems as if Marian's days as an outcast are over – until, one day, they hold a party to celebrate the last night of the school production...

Starring **Maureen Beattie** as Marian and **Sarah Collier** as Lucy. Directed by Stewart Conn.

27th 1900 rep 28th 0100 rep 1200

Gemini to Jo'burg

by Cecil Lewis

We all have two lives, an outer one with which we face the world, and an inner, with which we sometimes face ourselves.

These are the opening words of Lewis's account of the flight of a small aeroplane from England to South Africa some 40 years ago. In part the trip was an obvious adventure – but it was also, in Cecil Lewis's phrase "an attempt to preserve a fragment of our new religion for posterity." The story of the flight and the success or failure of its deeper purpose is told to World Service listeners by the author himself.

Cecil Lewis, a founding father of the BBC, has been a contributor to *Reflections*, and recently read on World Service his First World War flying classic *Sagittarius Rising*.

From 8th Mons 0430 rep 1115, 2115

Origami

by Jill Hyem

Helen Bestall and her young daughter, Lucy, never got to know the "hunched and wrinkled" old lady who had been the sitting tenant in their house. When she dies, her flat is let to a young Japanese man; but neither Mr Shimojo nor Helen are prepared for the sequence of horrifying events which his presence seems to generate.

This tale of the supernatural stars **Sean Barrett** as Mr Shimojo, with **Carole Boyd, Helen Worth, Christopher Scoular** and **Kate Lee**. Directed by Kay Patrick.

28th 1915 rep 29th 0100, Nov 2nd 1515

Two Cheers for October

An irreverent look at what the world got up to this month.

31st 1530 rep Nov 1st 0030, 1030

Nineteen Eighty-Four

by George Orwell

London – capital city of Airstrip One, in the province of Oceania. April 4th, 1984. Huddled into a corner of the living-room of his flat, out of sight of the prying eye of the telescreen, Winston Smith has committed an act of immense folly. He has opened his diary, and written the fateful words: "Down with Big Brother".

This month begins with Episode 2. The reader is **Kenneth Haigh**.

Suns 1330 rep Mons 0815, Fris 2145

I Like It Here

by Kingsley Amis

Edward Woodward reads the final episode this month.

1st 0430 rep 1115, 2115

MUSIC OCTOBER A long way from 'down home'

Roots and Branches

Presenter **Richard Skinner** writes:

Which member of heavy rock band Deep Purple used to be a Flowerpot Man? What has the Etchingham Steam Band got to do with folk-rockers Fairport Convention? And why did guitar-hero Eric Clapton leave the Greek Loon Band?

In the confusing jungle of modern popular music it is often difficult to discern a pattern and to follow the 'family trees' of the top bands or stars. But there *are* definite connections. During the last quarter century many famous bands have formed and split up and their individual members have gone on to make separate names for themselves.

In this series I trace the careers of some of the best known names in pop... and uncover some unlikely "roots and branches".

Suns 0430 rep Tues 0145, Thurs 1445, Fris 0730

Rock Salad

Tommy Vance returns with his weekly choice of the best in rock. During the programme's summer break, Tommy has been out and about presenting the BBC World Service's *Alternative Proms* – a special series of live concerts – but now *Rock Salad* is back on the air he is busy in the studio, choosing the latest and most interesting records of music 'on the heavier side'.

The new series also includes some older favourites; ever since Tommy's programme of listeners' requests earlier in the year, the Rock Salad office has been inundated with letters, so it has been decided to make them a regular feature.

There are also competitions, special features and occasional live concerts, covering every aspect of contemporary rock and heavy metal.

Mons 2130 rep Tues 0630, Weds 1615

I've Heard That Song Before

Have you ever listened to a supposedly new tune and wondered why it sounds so familiar? Or heard a cherished song destroyed in the name of musical progress?

For his new series, **Marcel Stellman** has spent many an hour in the vaults of the BBC's record library, searching out the origins, and discovering some attractive as well as some horrific alternatives to well known popular songs.

Sats 0130 rep Thurs 0730, Fris 1000

The Ideal Cast

Have you ever played the game of drawing up your own preferred cricket or football team? **Noël Goodwin** prefers to muse, in the hours when he is not in the opera house as a critic, on the cast-list he would have chosen for a particular opera. And now his dreams come true: for with the aid of a large quantity of records, he has assembled his ideal cast for eight different operas, culling the artists from a number of different performances.

On stage they may never have appeared together: on radio, they will. Mozart's *The Magic Flute* is Noël Goodwin's first ideally-cast opera. Later programmes include *The Barber of Seville, Fidelio, Oberon, Rigoletto, The Mastersingers, La Bohème* and *Der Rosenkavalier.*

From 31st Weds 1330 rep Thurs 1000, Fris 1830

The Brotherhood of Brass

He made his name as a comic, but regular listeners to the BBC's World Service will know that Charlie Chester is also a fan of brass band music, so it is no accidental happening when the two combine in a new series of *The Brotherhood of Brass,* in which Charlie presents the best of British brass band music.

Suns 0215 rep Weds 0945, Thurs 1345

Dolly Parton – one of country music's best-loved singers.

Hollywood's Oscar Nights

For the next ten weeks, author/broadcaster **Roy Pickard** looks at some of the most celebrated nights in Oscar history, and at many of the most unusual and amusing (and embarrassing) things that have occurred during Hollywood's most prized ceremony.

Roy Pickard, a noted authority on the Hollywood Academy awards delves into both the Oscar winners and losers, the songs and the music, and many of the little-known facts about Hollywood on Oscar night. The evenings when *Gone with the Wind* won, when *Citizen Kane* lost and when director Billy Wilder turned Ray Milland into a screen alcoholic and an Oscar winner are just some of the occasions recalled.

Mons 1330 rep Tues 0830, Fris 2330

Talking about Music

Bach: Concerto in D minor BWV 1052

Antony Hopkins explores the various existing versions of this concerto: a postulated original version for solo violin, the familiar version for solo harpsichord that has come down to us, and Bach's own adaptations in his Cantata No. 146, *Sep 29th*

Dvořák: Stabat Mater

He discovers that the score is "full of wonderful music", and wonders "why we don't hear it more often?" *Oct 6th*

Schubert: String Quartet in A minor

Antony Hopkins examines a chamber work from Schubert's last years – the only one to have been published during his all-too-brief lifetime *13th*

Prokofiev: Piano Concerto No. 1

He explores the work that gained Prokofiev the top prize when, as a student of 23, he played it at his graduation concert *20th*

Bax: Tintagel

Antony Hopkins takes a look at Sir Arnold Bax's best known orchestral tone-poem. "For him, Tintagel was not just a picturesque location, but a veritable symbol of romance in the most passionate sense" *27th*

Sats 0330 rep Weds 0830, Fris 0030

Country Music Profile

A new series of 15 minute programmes presents a portrait in music and words of leading country music artists – both British and American.

Country music has come a long way from the 'down home' sounds of the 40s and 50s with squeaking fiddles and whining guitars to the fore. Today's country sound is an integral part of the modern popular music scene and this new series reflects that sound.

Presenter **David Allan** – who hosted the recent BBC World Service series, *Country Style* – offers an assessment of many of today's top stars together with brief interviews and plenty of music.

The first batch of artists include **Johnny Cash, George Hamilton IV, Slim Whitman, Dolly Parton, Box Car Willie, Tammy Wynette, Gerry Ford, Charlie Pride** and **Glen Campbell.**

Sats 1345 rep Weds 0145, Thurs (ex 18th) 0815, Fris 0430

Singers of Schubert

The songs of Franz Schubert (1797-1828) have always been regarded as the supreme testing-ground in the vocal arts. Down the years, singers of every generation have found the challenge of Schubert irresistible and gratifying. He embraces all moods known to man, from the magnificent melodrama of a ballad such as Goethe's *Erlkönig,* to the deeply-felt despair that underlies the *Winterreise* cycle, set to poems by Wilhelm Müller.

Once the gramophone had been invented, there was no shortage of performers willing to record their interpretations for posterity. This series explores the rich legacy of Schubert recordings and provides a fascinating glimpse into the way Schubert was sung by previous generations. Such star artists as **Lilli Lehmann, Kirsten Flagstad, Richard Tauber** and **Feodor Chaliapin** live on in their recordings, offering a unique combination of great music in great performances.

Sats 0945 rep Tues 2315, Weds 0215

Concert Hall

Handel's Water Music

A recent recording by the much-praised ensemble The English Concert, directed by Trevor Pinnock *Sep 30th*

Stravinsky conducts Stravinsky

A piece written for an elephant and music which marked an about-turn for the composer feature in this week's concert. Igor Stravinsky conducts the CBC Symphony Orchestra in a performance of his *Circus Polka,* and the Columbia Symphony Orchestra in the music for the ballet *Pulcinella,* which Stravinsky wrote for Diaghilev and the Ballet Russe in 1919 *Oct 14th*

The Amadeus Quartet plays Schubert

Two examples of Schubert's chamber music are included in this week's programme – the single-movement Quartet in D minor, C.703 (Quartettsatz), and the late Quartet in A minor, D.804 *21st*

Yo Yo Ma

Two works display the artistry and technical brilliance of this young American cellist. Beethoven: Cello Sonata no.5 (with pianist Emanuel Ax); Saint-Saëns: Cello Concerto no.1 (with the Orchestra National de France, conducted by Lorin Maazel) *28th*

Suns 1515 rep Tues 2115

Music at the Races

A sequence of classical music in a lighter vein, doubtless including the occasional gallop, and interrupted for commentary from the racecourse at Longchamps near Paris on the most important event in the European horse-racing calendar, the Prix de l'Arc de Triomphe.

7th 1515

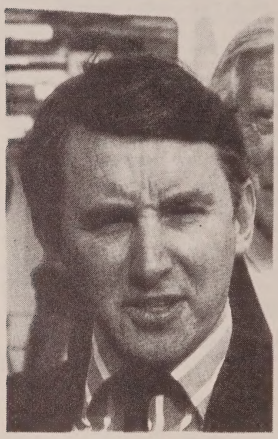
PHONE-IN

+OCTOBER+

For six weeks from September 30th, BBC World Service presents a new series of six phone-ins to well known British public figures. Each is chaired by *Letterbox* presenter MARGARET HOWARD, named by the Sony Gold Radio Awards as 1983 Female Personality of the Year.

If you want to take part in any of the phone-in programmes ring us an hour and a half before transmission, or even during the programme, on London 580 4411. (If you can dial direct, dial your local international code followed by 44 1 580 4411). You may then be rung back to take part in the programme.

Or you may like to send us your question beforehand by post. Please be sure to include the town and country where you live and your telephone number. Write to *It's Your World, BBC World Service, Bush House, Strand, London WC2B 4PH.* The studio guests will be:



Neil Kinnock

He has been described as 'a Welsh wizard' and also as 'a Welsh windbag'. He is certainly a powerful public speaker and for the past year has led Britain's opposition Labour Party. He is a cheerful family man who enjoys singing and watching sport.

Following its defeat in last year's General Election, Labour hoped that Neil Kinnock (below), a man of the centre Left, would unify the Party. At 42 he is the youngest man ever to lead the British Labour Party and is untried in government as he has never held a cabinet post.

14th 1630

David Steel

First elected to Parliament in 1965 when he was only 26, David Steel (left) has led the British Liberal Party for eight years. He is a Scot, the son of a clergyman, and was a student at Edinburgh University, though he spent some of his childhood in Kenya.

From 1966-1969 he was President of the British Anti-Apartheid Movement. In 1981 he led the Liberals into an alliance with the newly formed Social Democratic Party in the hope that the Alliance could challenge the dominance of the two major British political parties.

Sep 30th 1630

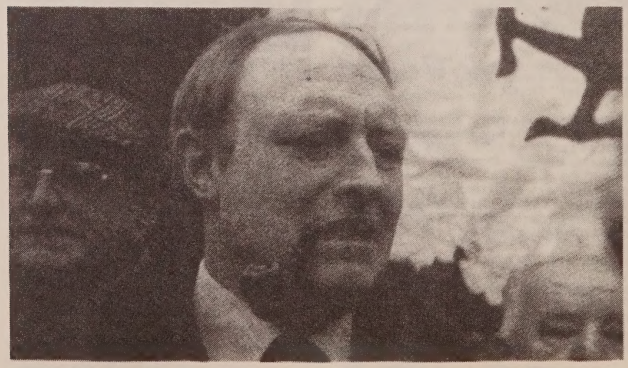
Joan Ruddock and Lord Chalfont

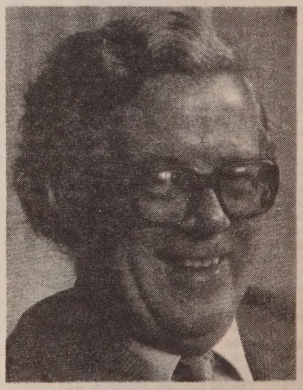
For the second programme there are two guests in the studio - both are concerned about the problems of defence in the nuclear age.

Joan Ruddock (right) is chairperson of Britain's Campaign for Nuclear Disarmament and is the organiser of a Citizen's Advice Bureau. She has championed the cause of the women anti-nuclear demonstrators who maintain a constant vigil outside the cruise missile base at Greenham Common, and with her Welsh charm she has disarmed some of those who regard CND with alarm and suspicion.

Lord Chalfont (far right) was Minister of State for Foreign Affairs in Labour Governments from 1964-70. He is now an independent member of the House of Lords, and chairman of the All-Party Defence Group. Alun Chalfont is committed to multilateral nuclear disarmament - he served as an army officer for more than 20 years and has also been Defence Correspondent of *The Times*.

Oct 7th 1630





Sir Geoffrey Howe

'He may have pretensions, but nobody calls him pretentious' - that's how one leading newspaper summed up the British Foreign Secretary, Sir Geoffrey Howe (above). A barrister by profession he was appointed Solicitor-General in 1970 and has since held a range of ministerial posts.

After the Conservatives returned to office in 1979, Sir Geoffrey was the Chancellor of the Exchequer who implemented Mrs Thatcher's tough monetary policy. After last year's General Election he moved to the Foreign Office.

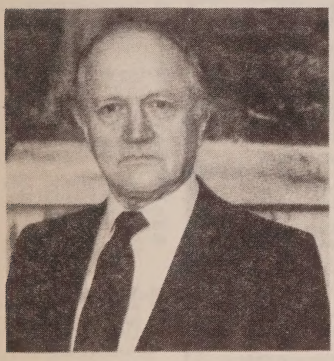
21st 1630

It's Your World

Cardinal Hume

In 1976 Basil Hume (left) was appointed to the most prestigious office in Britain's Roman Catholic Church – Cardinal Archbishop of Westminster. At that time he was a relatively unknown figure, a member of the Benedictine order and Abbot of Ampleforth Abbey in the north of England

Since then he has made a strong impression as a figure of reconciliation in the Church. He paved the way for the Pope's historic visit in 1982. the first time a Pope has ever been to Britain. He has worked for greater co-operation between denominations and has shown a humanitarian approach to the problems of our time. As President of the Council of European Bishops he is closely concerned with the Church's international role.
28th 1630



Alistair Cooke

Surely one of the greatest of all broadcasters, Alistair Cooke (below) needs little introduction to World Service listeners. For so many years his weekly *Letter From America* has given a rare insight into life in the United States. Born in Manchester in the north of England, he first went to America in the 1930s, and for more than 40 years has worked in the United States as a newspaper correspondent and broadcaster.

His BBC television film series *America* won a number of awards in the early 1970s. He has covered many Presidential election campaigns, and will have interesting insights into the present race for the White House.
Nov 4th 1630

MUSIC OCTOBER Medieval sounds

Music in the Age of Chivalry

The idea of music primarily as a public entertainment has only been with us for some 300 years: before then, and especially in medieval times, music was used, and sometimes abused, to very specific ends. To a monarch, music was a political tool; to a nobleman, it was a status symbol; to a churchman, a short cut to the Divine; and to a courtier, music was the way to a noble lady's heart.

In this ten-part series, historian, musicologist and performer **Christopher Page** considers the medieval courts, chapels, towns and cities where, through artistic patronage, individual genius, or happy accident, music flourished.
Mons 1545 rep Tues 0815, Fris 0215

Violin and harp, mid 14th century

Incredible Flautists

The flute has inspired particular enthusiasm at certain points in its long history. Its current popularity is due partly to "the man with the golden flute", James Galway, but also to a whole succession of fine players from all over the world.

From this gallery of flautists, past and present, 11 have been chosen as the subjects of brief musical portraits. Their recordings range widely through the flute repertoire, and display the many facets and moods of the instrument. The series is presented by **Edward Blakeman** and begins with **James Galway** *1st,* **Jean-Pierre Rampal** *8th;* **Severino Gazzelloni** *15th;* **William Kincaid** *22nd;* and **Karlheinz Zöller** *29th*
Mons 0145 rep Tues 0430, Weds 1515, Fris 0815

The Gentle Lark

The voice of **Amelita Galli-Curci** has been compared to 'a nightingale singing in its sleep' because of its sweetness of tone combined with a certain dreamy quality. The celebrated Italian soprano made her debut in *Rigoletto* in the small Italian town of Trani in 1906 when she was 23.

During the following ten years, she sang throughout Italy, in Egypt, Spain, Russia and South America.

After leaving Italy for North America in 1916, she very soon became a legend, singing to ecstatic audiences in Chicago and later in New York, where she sang with the Metropolitan Opera throughout the Twenties.

John Steane traces the career of this celebrated singer with the aid of recordings of the time, including extracts from *I Puritani, La Traviata* and *The Barber of Seville.*
24th 1330 rep 25th 1000, 26th 1830

Travellers' Tales

Jeremy Siepmann talks about three more composers who found inspiration from travels abroad, with the voices of Benjamin Whitrow as **Paganini** *3rd;* Hugh Dickson as **Louis Spohr** *10th;* and John Woodvine as **Tchaikovsky** *17th*
Weds (until 17th) 1330 rep Thurs 1000, Fris 1830

A Word in Edgeways

Brian Redhead, who has been associated with the programme since the first edition in June 1965, takes time off from his regular preoccupations in the world of news and current affairs, to chair – and participate in – this lively and spontaneous conversation on topics which are more enduring than the events of the day.

Each week he introduces three guests from a wide variety of spheres and invites them to examine ideas and pool experiences in a programme, which differs from most other radio discussion in that it sets no agenda and actively encourages the unexpected.
From 6th Suns (ex 30th) 2330 rep Mons 0630, 1515

Lloyd's List

Lloyd's List, which celebrates its 250th anniversary this year, is a daily newspaper which is not available on most surburban newsagents' counters. Yet within the City of London it is required reading for thousand of business men.

It claims to be 'the most completely informed daily newspaper published on international shipping matters'. **Malcolm Billings** finds out how that reputation has been established over the centuries since the first subscriptions to the newspaper were opened in the 17th century Lloyd's Coffee House.

That establishment has developed into an insurance market of a kind said to be found nowhere else in the world. Almost anything can be insured there and *Lloyd's List* has reflected much of that commerce as it evolved from a news sheet into an international daily newspaper;
30th 1215 rep 2030, Nov 1st 0330, 2nd 0830

SEVEN WONDERS OF THE MODERN WORLD

The Seven Wonders of the World included such monuments to man's imagination and ingenuity as the Hanging Gardens of Babylon and the Pyramids of Egypt. What are today's Wonders? BBC World Service invites you to take part in a competition to find Seven Wonders of The Modern World. They could be edifices magnificent enough to rival those of the ancient world, or perhaps creations and achievements which, although less spectacular, have a profound effect on our lives.

List your Seven Wonders in order of their importance in terms of human achievement or in furthering human progress, and send the list to the BBC, with your name and address and a few words about yourself, though not about your choice. Lists (one per person) will be judged by a panel including experts from the arts and sciences whose names will be announced on the air.

Personal cassette players, with stereo headphones, will be awarded for the seven most thought-provoking and imaginative entries. There will also be 77 consolation prizes for runners-up. Lists containing more than seven suggestions, or alternatives, will not be considered.

A series of seven programmes on Modern Wonders suggested by the winning entries will be broadcast on the BBC World Service early in 1985, preceded by a discussion by the judges.

Airmail your entries to:

"Seven Wonders", BBC, PO Box 76, Bush House, Strand, London, WC2B 4PH. They must be postmarked by October 31st, 1984.

Listeners in the UK are not eligible for this competition.

DAY to DAY Your guide to World Service

Saturday SEP/OCTOBER 29/6 13 20 27

0000 World News
09 News about Britain
15 Radio Newsreel
30 About Britain
45 Recording of The Week

0100 News Summary
01 Outlook
30 I've Heard That Song Before
45 *Letterbox

0200 World News
09 British Press Review
15 *Network UK
30 People and Politics

0300 World News
09 News about Britain
15 The World Today
30 Talking About Music
50 Recording of the Week

0400 Newsdesk
30 That's Trad
45 Financial News
55 Reflections

0500 World News
09 Twenty-Four Hours: News Summary
30 *About Britain
45 The World Today

0600 Newsdesk
30 *Album Time

0700 World News
09 Twenty-Four Hours: News Summary
30 From the Weeklies
45 *Network UK

0800 World News
09 Reflections
15 A Jolly Good Show

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Singers of Schubert

1000 News Summary
01 That's Trad

15 Letter from America
30 People and Politics

1100 World News
09 News about Britain
15 About Britain
30 Meridian

1200 Radio Newsreel
15 Anything Goes
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 Country Music Spotlight

1400 News Summary
01 Saturday Special

1500 *Radio Newsreel
15 *Saturday Special

1600 World News
09 Commentary
15 Saturday Special

1700 World News
09 Book Choice
15 With Respect, Ambassador
45 Sports Round-up

1800 Newsdesk
30 Baker's Half Dozen (ex 20th: Play of the Week: A Doll's House)

1900 News Summary (ex 20th)
01 Play of the Week; 29th: Obsession in August; 6th: The Second Mrs Tanqueray; 13th: The Old Country; 20th: A Doll's House 27th: The Dragon Box

2000 World News
09 Twenty-Four Hours: News Summary
30 Jazz For The Asking

2100 News Summary
01 Haklyut's Voyages

2115 What's New
30 People and Politics

2200 World News
09 From Our Own Correspondent
30 New Ideas
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letterbox
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 South Asia Survey
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 This Week
0509-0515 African News
0515-0540 This Week
0540-0545 The Time of My Life
0630-0635 African News
0635-0700 This Week
0730-0735 African News
0735-0800 This Week
1500-1530 This Week
1700-1709 World News
1709-1715 African News
1715-1745 This Week

Sunday SEP/OCTOBER 30/7 14 21 28

0000 World News
09 News about Britain
15 Radio Newsreel
30 Baker's Half Dozen (ex 21st: Play of the Week: A Doll's House); 23rd: In Two Minds

0100 News Summary (ex 21st)
01 Play of the Week; 30th: Obsession in August; 7th: The Second Mrs Tanqueray; 14th: A Doll's House (cont); 21st: The Old Country; 28th: The Dragon Box

0200 World News
09 British Press Review
15 The Brotherhood of Brass
30 Sports Review

0300 World News
09 News about Britain
15 From our own Correspondent
30 *My Music

0400 Newsdesk
30 Roots and Branches
45 Financial Review
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Good Books
45 Letter from America

0600 Newsdesk
30 *Jazz for the Asking

0700 World News
09 Twenty-Four Hours: News Summary
30 From Our Own Correspondent
50 Letter From London

0800 World News
09 Reflections
15 *The Pleasure's Yours

0900 World News
09 British Press Review
15 Sports Review
45 Haklyut's Voyages

1000 News Summary
01 Short Story
15 Classical Record Review
30 Religious Service

1100 World News
09 News About Britain
15 From Our Own Correspondent
30 Baker's Half Dozen (ex 21st: Play of the Week)

1200 News Summary (ex 21st)
01 Play of the Week

1300 World News
09 Twenty-four Hours: News Summary
30 Nineteen Eighty-Four
45 The Sandi Jones Request Show including at:

1400 apprx. **News Summary**
30 Four Romantic Heroes (ex 28th: Wives and Daughters)

1500 *Radio Newsreel
15 Concert Hall (ex 7th: Music At The Races)

1600 World News
09 Commentary
15 Letter from America
30 It's Your World

1700 World News
09 It's Your World
40 *Reflections
45 Sports Round-up

1800 Newsdesk
30 Brain of Britain 1984

1900 News Summary
01 Classical Record Review
15 Three Italian Writers (ex 21st: Mrs Gaskell; 28th: Radio Theatre: Origami)

2000 World News
09 Twenty-Four Hours: News Summary
30 Sunday Half-Hour

2100 News Summary
01 World Service Short Story
15 *The Pleasure's Yours

2200 World News
09 Persona Grata
25 Words
30 Financial Review
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letter from America
30 A Word in Edgeways (ex 30th: Let There Be Life)

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Postmark Africa
0509-0515 African News
0515-0540 Postmark Africa
0540-0545 Name in the News
0630-0635 African News
0635-0700 Postmark Africa
0730-0735 African News
0735-0800 Postmark Africa
0815-0830 Blueprint Africa
0830-0900 African Perspective
1500-1530 African Perspective
1709-1715 African News
1715-1745 African Perspective
2115-2140 Postmark Africa
2140-2145 Book of the Day
2145-2200 Arts and Africa

Monday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Religious Service

0100 News Summary
01 Three Italian Writers (ex 22nd: Mrs Gaskell; 29th: Radio Theatre: Origami)
45 *Incredible Flautists

0200 World News
09 British Press Review
15 *Good Books
30 Music Now

0300 World News
09 News about Britain
15 Letter From...
30 Anything Goes

0400 Newsdesk
30 Gemini to Jo'burg (ex 1st: I Like it Here)
45 Letter from London
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 Letterbox
45 Recording of The Week

0600 Newsdesk
30 A Word in Edgeways (ex 1st: Let There Be Life)

0700 World News
09 Twenty-Four Hours: News Summary
30 *Sarah and Company

0800 World News
09 Reflections
15 Nineteen Eighty-four
30 Anything Goes

0900 World News
09 British Press Review
15 Waveguide
25 Good Books
40 Look Ahead
45 Peebles' Choice

1000 News Summary
01 Science In Action
30 Music Now

1100 World News
09 News about Britain
15 Gemini To Jo'burg (ex 1st: I Like it Here)
30 Album Time

1200 Radio Newsreel
15 Brain of Britain 1984
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Hollywood Oscar Nights (ex 1st and 8th: Modern Masterpiece)

listening at any time, any day of the week

Monday

1400 Outlook
45 Persona Grata

1500 Radio Newsreel
15 A Word in Edgeways (ex 1st: Let There Be Life)
45 Music In The Age of Chivalry

1600 World News
09 Commentary
15 *Hot Air
30 Letter From...
45 The World Today

1700 World News
09 *Book Choice
15 My Music
45 Sports Round-up

1800 Newsdesk
30 Second Hearing

1900 Outlook
39 Stock Market Report
45 Peebles' Choice

2000 World News
09 Twenty-Four Hours: News Summary
30 Sports International

2100 News Summary
09 Network UK
15 Gemini To Jo'burg (ex 1st: I Like it Here)
30 Rock Salad

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Hot Air
30 Brain of Britain 1984

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book Of The Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus On Africa
1615-1630 Focus On Africa
1630-1645 Sporting Life
1709-1725 Focus On Africa
1725-1730 African News
1730-1745 Sporting Life

Tuesday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Short Story
45 Roots and Branches

0100 News Summary
01 Outlook
45 Roots and Branches

0200 World News
09 British Press Review
15 *Network UK
30 Sports International

0300 World News
09 News about Britain
15 The World Today
30 *John Peel

0400 Newsdesk
30 Incredible Flautists
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *New Ideas
40 Book Choice
45 The World Today

0600 Newdesk
30 Rock Salad

0700 World News
09 Twenty-Four Hours: News Summary
30 *Hot Air
45 *Network UK

0800 World News
09 Reflections
15 Music In The Age of Chivalry
30 Hollywood Oscar Nights (ex 2nd. 9th: Four Romantic Heroes)

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 What's New

1000 News Summary
01 Discovery
30 2nd, 9th: Modern Masterpiece: 16th, 23rd: Four Romantic Heroes; 30th: Wives and Daughters

1100 World News
09 News about Britain
15 Letter from London
25 Scotland This Week
30 Sports International

1200 Radio Newsreel
15 2nd, 9th: Worlds of Faith; 16th: A New Order for International Human Rights; 23rd: Hair; 30th: Lloyd's List
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 Recording of the Week

1400 Outlook
45 Haklyut's Voyages

1500 Radio Newsreel
15 A Jolly Good Show

1600 World News
09 Commentary
15 *Omnibus
45 The World Today

1700 World News
09 *Meridian
40 *Scotland This Week
45 Sports Round-up

1800 Newsdesk
30 Nature Notebook
40 The Farming World

1900 Outlook
39 Stock Market Report
45 That's Trad

2000 World News
09 Twenty-Four Hours: News Summary
30 2nd, 9th: Worlds of Faith; 16th: A New Order for International Human Rights; 23rd Hair; 30th: Lloyd's List

2100 News Summary
01 Letter From London
10 Book Choice
15 Concert Hall

2200 World News
09 The World Today
25 Scotland this Week
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Singers of Schubert
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Blueprint Africa
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Blueprint Africa

Wednesday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Omnibus

0100 News Summary
01 Outlook
30 Report on Religion
45 Country Music Spotlight

0200 World News
09 British Press Review
15 Singers of Schubert
30 Four Romantic Heroes (ex 31st: Wives and Daughters)

0300 World News
09 News about Britain
15 The World Today
30 Discovery

0400 Newsdesk
30 Waveguide
40 Book Choice
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 What's New
45 The World Today

0600 Newsdesk
30 *Omnibus

0700 World News
09 Twenty-Four Hours: News Summary
30 Report on Religion
45 That's Trad

0800 World News
09 Reflections
15 Classical Record Review
30 Talking About Music

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 The Brotherhood of Brass

1000 News Summary
01 With Respect, Ambassador
30 My Music

1100 World News
09 News about Britain
15 Letter From...
30 Meridian

1200 Radio Newsreel
15 Nature Notebook
25 The Farming World
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Travellers' tales (ex 24th: The Gentle Lark; 31st: The Ideal Cast)

1400 Outlook
45 Report on Religion

1500 Radio Newsreel
15 Incredible Flautists
30 Dad's Army (ex 31st: Two Cheers for October)

1600 World News
09 Commentary
15 Rock Salad
45 The World Today

1700 World News
09 *Monitor
25 *New Ideas
35 *Waveguide
45 Sports Round-up

1800 Newsdesk
30 Top Twenty

1900 Outlook
39 Stock Market Report
45 Good Books

2000 World News
09 Twenty-Four Hours: News Summary
30 Assignment

2100 News Summary
01 Network UK
15 Album Time (ex 17th: International Soccer Special)
45 Recording of the Week (ex 17th)

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letter From...
30 Top Twenty

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book Of The Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus On Africa
1615-1630 Focus On Africa
1630-1645 Arts And Africa
1709-1725 Focus On Africa
1725-1730 African News
1730-1745 Arts And Africa

DAY to DAY

Thursday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Dad's Army

0100 News Summary
01 Outlook
30 Waveguide
40 Book Choice
45 *Monitor

0200 World News
09 British Press Review
15 *Network UK
30 Assignment

0300 World News
09 News about Britain
15 The World Today
30 4th, 11th: Worlds of Faith; 18th: A New Order for International Human Rights; 25th: Hair

0400 Newsdesk
30 Classical Record Review (ex 18th: International Soccer Special)
45 Financial Review
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Peebles' Choice
45 The World Today

0600 Newsdesk
30 *Nature Notebook
40 *The Farming World

0700 World News
09 Twenty-Four Hours: News Summary
30 I've Heard That Song Before
45 *Network UK

0800 World News
09 Reflections
15 Country Music Spotlight (ex 18th: International Soccer Special)
30 John Peel

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Monitor

1000 News Summary
01 Traveller's Tales (ex 25th: A Gentle Lark)
30 Dad's Army

1100 World News
09 News about Britain
15 New Ideas
25 The Week in Wales
30 Assignment

1200 Radio Newsreel
15 Top Twenty
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 The Brotherhood of Brass

1400 Outlook
45 Roots and Branches

1500 Radio Newsreel
15 The Pleasure's Yours

1600 World News
09 Commentary
15 Assignment
45 The World Today

1700 World News
09 *Meridian
40 *The Week in Wales
45 Sports Round-up

1800 Newsdesk
30 Discovery

1900 Outlook
39 Stock Market Report
45 Report on Religion

2000 World News
09 Twenty-Four Hours: News Summary
30 Business Matters

2100 News Summary
01 Ulster Newsletter
05 In the Meantime
15 A Jolly Good Show

2200 World News
09 The World Today
25 The Week in Wales
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Merchant Navy Programme
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Medical Prog
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Medical Prog

Friday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Talking About Music

0100 News Summary
01 Outlook
30 Persona Grata
45 *Ulster Newsletter
50 *In the Meantime

0200 World News
09 British Press Review
15 Music In The Age of Chivalry
30 With Respect, Ambassador

0300 World News
09 News about Britain
15 The World Today
30 *Business Matters

0400 Newsdesk
30 Country Music Spotlight
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 Haklyut's Voyages
45 The World Today

0600 Newsdesk
30 5th, 12th: Modern Masterpiece; 19th, 26th: Second Hearing

0700 World News
09 Twenty-Four Hours: News Summary
30 Roots and Branches
45 *Merchant Navy Programme

0800 World News
09 Reflections
15 Incredible Flautists
30 5th, 12th: Worlds of Faith; 19th: A New Order for International Human Rights; 26th: Hair

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Persona Grata

1000 News Summary
01 I've Heard That Song Before
15 Merchant Navy Programme
30 Business Matters

1100 World News
09 News about Britain
15 In the Meantime
25 Ulster Newsletter
30 Meridian

1200 Radio Newsreel
15 Jazz for the Asking
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 John Peel

1400 Outlook
45 Letterbox

1500 Radio Newsreel
15 Three Italian Writers (ex 26th: Mrs Gaskell)

1600 World News
09 Commentary
15 *Science in Action
45 The World Today

1700 World News
09 *Sarah and Company
40 *Book Choice
45 Sports Round-up

1800 Newsdesk
30 Traveller's Tales (ex 26th: The Gentle Lark)

1900 Outlook
39 Stock Market Report
45 About Britain

2000 World News
09 Twenty-Four Hours: News Summary
30 Science in Action

2100 News Summary
01 Network UK
15 Music Now
45 Nineteen Eighty-four

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 From the Weeklies
30 5th, 12th: Second Hearing; 19th, 25th: Hollywood Oscar Nights

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book Of The Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus On Africa
1615-1630 Focus On Africa
1630-1645 African Papers
1709-1725 Focus On Africa
1725-1730 African News
1730-1745 African Papers

AFRICAN ALTERNATIVES

NEWS OF THE AFRICAN WORLD *daily 0330, 0509, 0630, 0730, 1709 (Sats. Suns only) 1725 (ex Sats, Suns).*

NETWORK AFRICA coast-to-coast coverage of the events and the action presented by Hilton Fyle. *Mons to Fris 0335 rep 0515, 0635, 0735*

FOCUS ON AFRICA up-to-the-minute and authoritative reports on the African political scene from a continent-wide team of reporters. *Mons to Fris 1515, 1615, 1709*

THIS WEEK AND AFRICA a summary of the major political events plus the latest correspondents' reports. *Sats 0335, 0515, 0635, 0735, 1500, 1715*

AFRICAN PERSPECTIVE – each week, a feature or discussion analysing a major African issue. *Suns 0830 rep 1500, 1715*

POSTMARK AFRICA listeners from all over Africa hear their questions answered. *Suns 0335 rep 0515, 0635, 0735, 2115*

THIS SPORTING LIFE Africa's top sports action as it happens. *Mons 1630 rep 1730*

BLUEPRINT AFRICA what's new in the worlds of development and technology. *Suns 0815 rep Tues 1630, 1730*

ARTS AND AFRICA Alex Tetteh-Lartey meets Africa's writers and performers. *Suns 2145 rep Weds 1630, 1730*

THE MEDICAL PROGRAMME health and medicine in Africa today. *Thurs 1630 rep 1730*

WHAT THE AFRICAN PAPERS SAY a weekly look at editorial comment and coverage in Africa's major newspapers. *Fri 1630 rep 1730*

BOOK OF THE DAY a book review geared to the African scene. *Suns 2140 rep Mons 0540, Tues-Fris 0540*

THE TIME OF MY LIFE African personalities recall great moments of their lives. *Sats 0540*

NAME IN THE NEWS who – or what – has been making the headlines in Africa. *Suns 0540*

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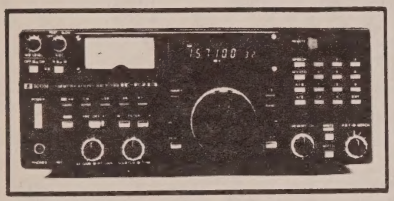

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- FRV-7700 VHF converter $135
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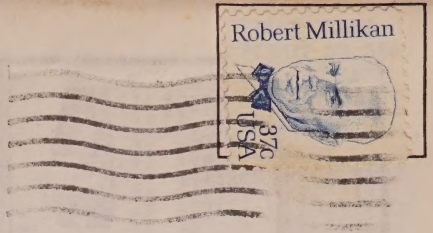
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